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Zombiekins-Kevin Bolger 2011-08-09 Stanley Nudelman turns the boring town of Dementedville on its head when he buys a mysterious toy at his neighbor's yard sale. Sure, Zombiekins looks cuddly and creepy-cute - but expose him to moonlight, and strange things happen. When Stanley brings Zombiekins to

school, he unleashes the worst zombie plague in fourth-grade history! Can Stanley find the courage to save the day before his teachers notice the class is full of zombies? Or will he soon join the ranks of the snuggly UNDEAD?

The Chemistry of Oxygen-E. A. V. Ebsworth 2016-06-06 The Chemistry of Oxygen deals with the chemistry of oxygen and covers topics ranging from atoms and ions to oxides, water,

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and oxygen fluorides. Hydrogen peroxide, peroxides and related compounds, and ozone and related species are also discussed, along with other species containing O₃ and O₄ groups. This book is comprised of nine chapters and opens with a historical background on oxygen, including its discovery, as well as its properties, isotopes, occurrence and extraction, toxic effects, and production and uses. The next chapter is devoted to oxygen atoms and ions, with emphasis on the reactions of ionized species derived from oxygen atoms and molecules. The reader is then introduced to oxides and their acid-base character, structure, allotropy, thermodynamics, and geometrical effects; physical and chemical properties of water; chemical and physical properties of oxygen fluorides; and hydrogen peroxide, its properties, molecular structure, and uses. Subsequent chapters focus on peroxides and related compounds; ozone and related species; and other species containing O₃ and O₄ groups. This monograph will be a valuable source of information for inorganic chemists.

Go Like Hell-A. J. Baime 2010-06-17 The epic story also told in the film FORD V. FERRARI: By the early 1960s, the Ford Motor Company, built to bring automobile transportation to the masses, was falling behind. Young Henry Ford II, who had taken the reins of his grandfather's company with little business experience to speak of, knew he had to do something to shake things up. Baby boomers were taking to the road in droves, looking for speed not safety, style not comfort. Meanwhile, Enzo Ferrari, whose cars epitomized style, lorded it over the European racing scene. He crafted beautiful sports cars, "science fiction on wheels," but was also called "the Assassin" because so many drivers perished while racing them. Go Like Hell tells the remarkable story of how Henry Ford II, with the help of a young visionary named Lee Iacocca and a former racing champion turned engineer, Carroll Shelby, concocted a scheme to reinvent the Ford company. They would enter the high-stakes world of European car racing, where an adventurous few threw safety and sanity to the

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wind. They would design, build, and race a car that could beat Ferrari at his own game at the most prestigious and brutal race in the world, something no American car had ever done. Go Like Hell transports readers to a risk-filled, glorious time in this brilliant portrait of a rivalry between two industrialists, the cars they built, and the "pilots" who would drive them to victory, or doom.

Madagascar-Solofo Randrianja 2009 Two thousand years ago, the island of Madagascar was likely uninhabited. Its unique flora and fauna had gone totally undisturbed by human contact until the first navigators landed on its shores. No one knows where those first inhabitants hailed from, but over the centuries Madagascar developed its own distinctive language and cultural systems. The only recent history of its kind in English, Madagascar, traces two millennia of human activity in one of the world's most fascinating, yet least-known, societies. In graceful prose, Solofo Randrianja and Stephen

Ellis, both leading historians of Madagascar, elucidate the three main phases of its history: the earliest settlements, the age of kingdoms, and the island's entry into intercontinental systems of commerce and exchange, including over sixty years under French rule. Through the course of this colorful and turbulent history, Randrianja and Ellis explore the tensions between the development of a unique culture and the absorption of immigrants, the development of strong social hierarchies, and the long-lasting effects of slavery and the slave trade.

The History of the Standard Oil Company-Ida Minerva Tarbell 1904

Mind Programming-Eldon Taylor 2009-04-15 It is the 21st century and we have experienced a technology explosion that has granted us a cornucopia of luxuries and opportunities. At this point, virtually anything seems possible. However, along with the positive developments

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are ominous collaborations designed to deprive us of an inherent birthright—the power of a free mind. *Mind Programming* is a riveting expose on the plethora of research that has been carried out simply to discover ways to control your every thought and desire. What you will learn will both shock and horrify you. Tweaking your psyche has become big business. Never again will you be able to ignore the truth—your very thoughts are not your own. *Mind Programming* provides the tools to take back control and reprogram your own mind. Eldon Taylor provides the insight, information, and easy-to-use methods that will empower you to realize the life of your dreams. You were not meant to be the product of another's manipulation, whether in attitude and mood or in ambition and consumption.

Genetic Resources of Neotropical Fishes-

Alexandre W. S. Hilsdorf 2017-06-18 The aim of this book is to systematize and discuss population genetic studies of freshwater fish in a region that harbors the greatest diversity of

species among all inland water ecosystems. This volume explores the genetic evaluation for a number of orders, families and species of Neotropical fishes, and provides an overview on genetic resources and diversity and their relationships with fish domestication, breeding, and food production.

Thermal Conductivity 20-J.R., Jr. Thomas 2012-12-06 The International Thermal Conductivity Conference was started in 1961 with the initiative of Mr. Charles F. Lucks and grew out of the needs of researchers in the field. The Conferences were held annually from 1961 to 1973 and have been held biennially since 1975 when our Center for Information and Numerical Data Analysis and Synthesis (CINDAS) of Purdue University became the Permanent Sponsor of the Conferences. -These Conferences provide a broadly based forum for researchers actively working on the thermal conductivity and closely related properties to convene on a regular basis to exchange their ideas and experiences and

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report their findings and results. The Conferences have been self-perpetuating and are an example of how a technical community with a common purpose can transcend the invisible, artificial barriers between disciplines and gather together in increasing numbers without the need of national publicity and continuing funding support. when they see something worthwhile going on. It is believed that this series of Conferences not only will grow stronger, but will set an example for researchers in other fields on how to jointly attack their own problem areas.

Lightweight Electric/Hybrid Vehicle Design-

John Fenton 2001 Lightweight Electric/Hybrid Vehicle Design, covers the particular automotive design approach required for hybrid/electrical drive vehicles. There is currently huge investment world-wide in electric vehicle propulsion, driven by concern for pollution control and depleting oil resources. The radically different design demands of these new vehicles requires a completely new approach that is

covered comprehensively in this book. The book explores the rather dramatic departures in structural configuration necessary for purpose-designed electric vehicle including weight removal in the mechanical systems. It also provides a comprehensive review of the design process in the electric hybrid drive and energy storage systems. Ideal for automotive engineering students and professionals Lightweight Electric/Hybrid Vehicle Design provides a complete introduction to this important new sector of the industry. comprehensive coverage of all design aspects of electric/hybrid cars in a single volume packed with case studies and applications in-depth treatment written in a text book style (rather than a theoretical specialist text style)

Advances in Materials Characterization-

David R. Rossington 2012-12-12 The characterization of materials and phenomena has historically been the principal limitation to the development in each area of science. Once what

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we are observing is well defined, a theoretical analysis rapidly follows. Modern theories of chemical bonding did not evolve until the methods of analytical chemistry had progressed to a point where the bulk stoichiometry of chemical compounds was firmly established. The great progress made during this century in understanding chemistry has followed directly from the development of an analytical chemistry based on the Dalton assumption of multiple proportions. It has only become apparent in recent years that the extension of our understanding of materials hinges on their non-stoichiometric nature. The world of non-Daltonian chemistry is very poorly understood at present because of our lack of ability to precisely characterize it. The emergence of materials science has only just occurred with our recognition of effects, which have been thought previously to be minor variations from ideality, as the principal phenomena controlling properties. The next step in the historical evolution of materials science must be the development of tools to characterize the often subtle phenomena

which determine properties of materials. The various discussions of instrumental techniques presented in this book are excellent summaries for the state-of-the-art of materials characterization at this rather critical stage of materials science. The application of the tools described here, and those yet to be developed, holds the key to the development of this infant into a mature science.

Genetic and Genomic Resources of Grain Legume Improvement-Mohar Singh 2013-07-18

Grain legumes, including common-bean, chickpea, pigeonpea, pea, cowpea, lentil and others, form important constituents of global diets, both vegetarian and non-vegetarian. Despite this significant role, global production has increased only marginally in the past 50 years. The slow production growth, along with a rising human population and improved buying capacity has substantially reduced the per capita availability of food legumes. Changes in environmental climate have also had significant

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impact on production, creating a need to identify stable donors among genetic resources for environmentally robust genes and designing crops resilient to climate change. Genetic and Genomic Resources of Grain Legume Improvement is the first book to bring together the latest resources in plant genetics and genomics to facilitate the identification of specific germplasm, trait mapping and allele mining to more effectively develop biotic and abiotic-stress-resistant grains. This book will be an invaluable resource for researchers, crop biologists and students working with crop development. Explores origin, distribution and diversity of grain legumes Presents information on germplasm collection, evaluation and maintenance Offers insight into pre-breeding/germplasm enhancement efforts Integrates genomic and genetic resources in crop improvement Internationally contributed work

Chemistry of Fossil Fuels and Biofuels-
Harold Schobert 2013-01-17 Discusses the

formation, composition, properties and processing of the principal fossil and biofuels, ideal for graduate students and professionals.

Astronomy and Calendars - The Other

Chinese Mathematics-Jean-Claude Martzloff
2016-09-01 Presented from the viewpoint of the history of mathematics, this book explores both epistemological aspects of Chinese traditional mathematical astronomy and lunisolar calendrical calculations. The following issues are addressed: (1) connections with non-Chinese cultural areas; (2) the possibility or impossibility of using mathematics to predict astronomical phenomena, a question that was constantly raised by the Chinese from antiquity through medieval times; (3) the modes of representation of numbers, and in particular the zero, found in the context of Chinese calendrical calculations; and (4) a detailed analysis of lunisolar calendrical calculations. Fully worked-out examples and comparisons between the results of calculations and the content of Chinese historical calendars

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from various periods are provided. Traditional Chinese calendrical and mathematical astronomy consists of permanently reformed mathematical procedures designed to predict, but not explain, phenomena pertaining to astronomy and related areas. Yet, despite appearances, models of the mathematical techniques hidden behind this voluminous corpus reveal that they depend on a limited number of clear-cut mathematical structures. Although only a small fraction of these techniques have been fully studied, what is known surprisingly broadens our knowledge of the history of Chinese mathematics. Sinologists interested in the history of Chinese science, and anyone interested in the history of Chinese mathematics, the Chinese calendar, and the history of Chinese mathematical astronomy from its origin (104 BC) to its European reform (AD 1644) will find this book very useful. The present English language edition is a fully revised and updated version of the French original. Even though this is a research monograph in sinology, no particular sinological background is required, although a basic understanding of 'concrete

mathematics' is needed. From the reviews of the French edition: This is a demanding, rigorous book to read ... worth the concentrated study it requires. The rewards are not only in the details but in the general overview that ...[it] provides. Joseph Dauben, EASTM, 2011 ...first Work in a Western language to turn to for anyone interested in the details of Chinese calendrical computations. Benno Van Dalen, ISIS, 2011 Martzloff's careful scholarship and his overall look at the calendar beyond astronomical calculations, ..., make this book a most valuable contribution to a field of increasing interest. U. D'Ambrosio, Mathematical Reviews, 2013

Refrigeration and Air Conditioning-Ramesh Chandra Arora 2010-01-30 The text begins by reviewing, in a simple and precise manner, the physical principles of three pillars of Refrigeration and Air Conditioning, namely thermodynamics, heat transfer, and fluid mechanics. Following an overview of the history of refrigeration, subsequent chapters provide

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exhaustive coverage of the principles, applications and design of several types of refrigeration systems and their associated components such as compressors, condensers, evaporators, and expansion devices. Refrigerants too, are studied elaboratively in an exclusive chapter. The second part of the book, beginning with the historical background of air conditioning in Chapter 15, discusses the subject of psychrometrics being at the heart of understanding the design and implementation of air conditioning processes and systems, which are subsequently dealt with in Chapters 16 to 23. It also explains the design practices followed for cooling and heating load calculations. Each chapter contains several worked-out examples that clarify the material discussed and illustrate the use of basic principles in engineering applications. Each chapter also ends with a set of few review questions to serve as revision of the material learned.

Plant Resistance to Arthropods-C. Michael

Smith 2006-01-19 This book synthesizes new information about the environmental advantages of plant resistance, transgenic resistance, the molecular bases of resistance, and the use of molecular markers to map resistance genes. Readers are presented in-depth descriptions of techniques to quantify resistance, factors affecting resistance expression, and the deployment of resistance genes. New information about gene-for-gene interactions between resistant plants and arthropod biotypes is discussed along with the recent examples of using arthropod resistant plants in integrated pest management systems.

Theory and Practice of Physical Pharmacy - E-Book-Gaurav Jain 2013-01-10 A core subject in pharmaceuticals, physical pharmacy is taught in the initial semesters of B. Pharm. The methodical knowledge of the subject is required, and is essential, to understand the principles pertaining to design and development of drug and drug products. Theory and Practice of Physical

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Pharmacy is unique as it fulfils the twin requirements of physical pharmacy students: the authentic text on theoretical concepts and its application including illustrative exercises in the form of practicals. Covers all the topics included in various existing syllabi of physical pharmacy Provides an integrated understanding of theory and practical applications associated with physicochemical concepts Explore the latest developments in the field of pharmaceuticals Reviews the relevance of physicochemical principles in the design of dosage form Ensures proper recapitulation through sufficient end-of-chapter questions Provides valuable learning tool in the form of multiple choice questions Multiple choice questions section especially useful for GPAT aspirants

Atomization of Melts-Andrew J. Yule 1994 The first authoritative treatment of the atomization of melts for metal powder production is offered in this book. The unique approach unifies the science, applications and other aspects of this

interdisciplinary field, and will be of great interest to research scientists and engineers, aswell as industrial practitioners of the various processes. Related fields of spray forming and coating processes and the atomization of non-metallic melts such as ceramics are also covered.

Metallography, Principles and Practice-

George F. Vander Voort 1984 This work offers a comprehensive source of information on metallographic techniques and their application to the study of metals, ceramics, and polymers. It contains an extensive collection of micro- and macrographs.

Shoulder Instability Across the Life Span-

Andreas B. Imhoff 2017-05-06 This book outlines the consensus findings of the ISAKOS Upper Extremity Committee regarding the treatment options for patients suffering from shoulder instability. The aim is to furnish readers with a precise knowledge of the presenting features of

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conditions typical of different ages, thereby facilitating assessment of patient characteristics and optimal treatment decision making based on the consensus of the Committee. All age groups are covered, from the very young through to the older patient. The structuring of the book essentially according to age group reflects the fact that certain forms of shoulder instability are observed at different ages. For example, while young patients tend to demonstrate instability combined with hyperlaxity, in later years, bony defects of the glenoid and humerus gain in importance. Similarly, the scope for conservative treatment varies across the life span. Each management-oriented chapter of the book includes information and guidance on anatomy, clinical examination, imaging, surgical indications and technique, rehabilitation, outcomes, and complications and their avoidance, and the text is supported by numerous high-quality illustrations.

The Intranet Portal Guide-David Viney

2005-07 An intranet portal project may well be the first and last project in your organisation that truly touches everyone, from the office of your CEO to the newest recruit. It may well be the most significant investment that you ever make in your people, their processes and their systems and has the power and potential to transform your organisation. However, it can be a tough project to deliver, bringing great exposure to its participants. All your customers will be only a small march away down the corridor and will all know where you live! Considering the \$1.5 billion market for intranet portal technology worldwide, there are surprisingly few books on the topic (and those typically either very technical or very theoretical). The Intranet Portal Guide is a deliberately practical handbook for the stressed middle manager, seeking to make things happen in their organisation. The book is divided into three sections (before, during and after) and 31 chapters, addressing everything from the key issue of how to make the business case through to ongoing performance enhancement and benefit realisation. It is packed full of tools,

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templates, plans and processes for successful delivery - based on real life experience of implementation at two major UK companies.

Tundra Rivers of the Last Glacial-H. W. J. van Amerom 1990

UV Coatings-Reinhold Schwalm 2006-12-21

Since UV curing (light induced polymerisation of multifunctional oligomers) is a very ecoefficient and energy saving curing method, the growth rates of UV curable coatings are in the range of 10% per year. The typical UV coatings are solvent free (100% solids), thus helping the industry and the environment to reduce significantly VOC (volatile organic compounds). Recently, the automotive industry has discovered that UV cured coatings are very scratch resistant, which stimulated very extensive work into the development of UV coatings for automotive applications. Since UV curing is very universal, also other systems besides the 100%

solid (typical) UV coatings are developed, like waterbased UV- , UV powder and Dual cure (UV and thermal) systems. UV Coatings contains an overview of the technology, the curing process including the equipment necessary, the raw materials (resins, diluents, photoinitiators) used, the advantages and drawbacks of this fast emerging technology, as well as proposed technical solutions to tackle the disadvantages. Structure-property relationships will be given, especially regarding the mechanical properties of coatings as well as scratch resistance, mainly dealing with automotive performance criteria. The main part of the book will deal with new developments, like water-based UV coatings, UV powder coatings and dual cure systems, cured by UV and thermal energy, which have been developed to cure the coating on three dimensional substrates in shadow areas. The main applications of UV Coatings will be described, starting with the classical ones on temperature sensitive substrates, like wood, paper and plastics, where the UV curable coatings are already well established. * Looking

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at UV curing as a key to scratch resistant automotive clear coats * Ecoefficiency of UV Coatings * Comprehensive overview of the technology, materials and markets

Making a New World-John Tutino 2011-08 This history of the political economy, social relations, and cultural debates that animated Spanish North America from 1500 until 1800 illuminates its centuries of capitalist dynamism and subsequent collapse into revolution.

Metallized Plastics 7: Fundamental and Applied Aspects-Kash L. Mittal 2020-04-12 This volume documents the proceedings of the 7th Symposium on Metallized Plastics: Fundamental and Applied Aspects, held in Newark, New Jersey, December 2-3, 1999. This volume contains a total of 16 papers, which were all rigorously peer reviewed and suitably revised before inclusion. The book is divided into two parts: Metallization Techniques and Properties of

Metal Deposits, and Interfacial and Adhesion Aspects. The topics covered include: various metallization techniques for a variety of plastics including some novel developments involving suitable plastic pretreatments; modification of polymers by plasma and ion-assisted reactions; metal doped plasma polymer films; metal-polyimide nanocomposite films; investigation of metal/polymer interactions by a variety of techniques; ways to improve adhesion of metal/polymer systems; modeling of metal/polymer interfaces; application of surface analytical techniques in the arena of metallized plastics; and ultrathin films on metal surfaces. This volume offers a wealth of information and represents current commentary on the R&D activity taking place in the technologically highly important field of metallized plastics and is of value and interest to anyone interested in the fundamental or applied aspects of metallized plastics.

Handbook of Preparative Inorganic

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Chemistry-Georg Brauer 1963

Craving Constellations-Nicole Jacquelyn

2013-09-20 How could someone make decision after decision attempting to get away from their past and somehow end up right back where they started? When Brenna decided to leave the only life she'd ever known, she swore she'd never go back. Now, five years later, she's running from her clean-cut husband straight back to the motorcycle club that raised her... and the man she left behind. She left with a secret, and the truth will soon break her carefully constructed life wide open. Warning: This book contains graphic sex and language, and the loss of a child. It is meant for mature audiences.

The Gluten Proteins-Domenico Lafiandra

2007-10-31 This book brings together recent, international contributions to the study of gluten proteins from leading experts in the field. Gluten proteins have gained greater importance due not

only to their fundamental role in determining technological quality of wheat end products, but also to the apparently increased number of people showing different degrees of gluten intolerance or allergy. Along with classical subjects such as gluten genetics, quality and rheology, *The Gluten Proteins* covers new tools and research fields, including the use of proteomics and genomics. Furthermore, information dedicated to intolerances and allergies is included and opens the possibility to widen future research opportunities, promoting cooperation between wheat breeders, medical researchers and gluten chemists and geneticists. *The Gluten Proteins* provides an authoritative source of information for researchers, professionals and postgraduate students wishing to increase their knowledge of the molecular bases of gluten functionality and nutritional role, as well as touching on possible future research opportunities.

Thermal Conductivity 18-T. Ashworth

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2012-12-06 The International Thermal Conductivity Conference was started in 1961 with the initiative of Mr. Charles F. Lucks, who passed away on 8 July 1982 and to the memory of whom this volume is dedicated. These Conferences on thermal conductivity grew out of the needs of researchers in the field. The Conferences were held annually from 1961 to 1973 and have been held biennially since 1975 when our Center for Information and Numerical Data Analysis and Synthesis (CINDAS) of Purdue University became the Permanent Sponsor of the Conferences. These Conferences provide a broadly based forum for researchers actively working on the thermal conductivity and closely related properties to convene on a regular basis to exchange their ideas and experiences and report their findings and results. The Conferences have been self-perpetuating and are an example of how a technical community with a common purpose can transcend the invisible, artificial barriers between disciplines and gather together in increasing numbers without the need of national publicity and continuing funding

support, when they see something worthwhile going on. It is believed that this series of Conferences not only will grow stronger, but will set an example for researchers in other fields on how to jointly attack their own problem areas.

Who Let the Dork Out?-Sidin Vadukut

2016-08-15 With just 12 months to go before the 2010 Allied Victory Games in New Delhi, there is pandemonium at the Ministry for Urban Regeneration and Public Sculpture. Preparations are months behind schedule and minister Badrikedar Laxmanrao Dahake not only has to deal with an irate PM but also the Lok Sabha, fiendish investigative journalists, and a relentless BBC reporter who insists on interviewing him live in English. Dahake is about to resign when he runs into an unlikely saviour: international financial wizard Robin 'Einstein' Varghese.

Powder Coatings Chemistry and Technology-

Emmanouil Spyrou 2013-09 All about powder

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coatings in one book - from the current market situation and REACH to the various types of powder coatings, raw materials, parameters affecting the properties of powder coatings, production technologies and application technologies. Indispensable for everyone who comes in contact with powder coatings in their daily work. This 3rd completely revised edition: - provides an insight into the key aspects and theories behind the production, properties and application of powder coatings - guarantees finding the desired topic in a shorter time by an optimised structure and clarity - 5,000 current articles and relevant patents have been evaluated to ensure that it is illustrated the current state-of-the-art.

Detection Technologies for Chemical Warfare Agents and Toxic Vapors-Yin Sun 2004-08-12 While it is not possible to predict or necessarily prevent terrorist incidents in which chemical warfare agents (CWAs) and toxic industrial chemicals (TICs) are deployed,

correctly chosen, fast, and reliable detection equipment will allow prepared rescue workers to respond quickly and minimize potential casualties. Detection Technologies

Low Salinity and Engineered Water Injection for Sandstone and Carbonate Reservoirs-

Emad Walid Al Shalabi 2017-06-14 Low Salinity and Engineered Water Injection for Sandstones and Carbonate Reservoirs provides a first of its kind review of the low salinity and engineered water injection (LSWI/EWI) techniques for today's more complex enhanced oil recovery methods. Reservoir engineers today are challenged in the design and physical mechanisms behind low salinity injection projects, and to date, the research is currently only located in numerous journal locations. This reference helps readers overcome these challenging issues with explanations on models, experiments, mechanism analysis, and field applications involved in low salinity and engineered water. Covering significant

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laboratory, numerical, and field studies, lessons learned are also highlighted along with key areas for future research in this fast-growing area of the oil and gas industry. After an introduction to its techniques, the initial chapters review the main experimental findings and explore the mechanisms behind the impact of LSWI/EWI on oil recovery. The book then moves on to the critical area of modeling and simulation, discusses the geochemistry of LSWI/EWI processes, and applications of LSWI/EWI techniques in the field, including the authors' own recommendations based on their extensive experience. It is an essential reference for professional reservoir and field engineers, researchers and students working on LSWI/EWI and seeking to apply these methods for increased oil recovery. Teaches users how to understand the various mechanisms contributing to incremental oil recovery using low salinity and engineering water injection (LSWI/EWI) in sandstones and carbonates Balances guidance between designing laboratory experiments, to applying the LSWI/EWI techniques at both pilot-

scale and full-field-scale for real-world operations Presents state-of-the-art approaches to simulation and modeling of LSWI/EWI

Nutrition Now-Judith E. Brown 2016-03-09 Your diet and nutritional goals are within reach with NUTRITION NOW, 8th Edition! Whether you want to understand how food impacts your health, track your diet, or lose weight, NUTRITION NOW can help you make better, healthy choices for a lifetime. Written in a reader-friendly style, chapters walk you through the fundamentals of nutrition, including diet planning, the macronutrients, vitamins and minerals, exercise, pregnancy and lactation, global issues, and much more. NUTRITION NOW also organizes content into manageable units to help you focus on what matters most while applying those concepts to your own life. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

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Enhancing Crop Genepool Use-Nigel Maxted
2016-05-31 Maintaining food security in the face of human population increase and climate change is one of the critical challenges facing us in the 21st Century. Utilisation of the full range of agrobiodiversity will be a necessary tool in addressing this challenge. In this book a team of international contributors review all aspects of utilization and conservation of crop wild relative (CWR) and landrace (LR) diversity as a basis for crop improvement and future food security. This book will appeal to a wide array of specialists and postgraduate students, such as those working in the fields of agrobiodiversity conservation and use, conservation, ecology, botany, genetics, plant breeding and agriculture.

Grain Legumes-J. Smartt 1990-04-19 This volume provides a survey of all the major grain legumes from the standpoint of both their evolution and their potential for further development and improvement as economically

important food crops. It surveys the changes which have occurred in plant domestication and discusses the benefits still to be gained from evaluation and improvement of genetic resources.

Legionella and the Prevention of Legionellosis-World Health Organization 2007
Water is the major natural reservoir for legionellae, and the bacteria are found worldwide in many different natural and artificial aquatic environments, such as cooling towers, water systems in hotels homes, ships and factories, respiratory therapy equipment, fountains misting devices and spa pools. This book provides a comprehensive overview on the sources, ecology and laboratory diagnosis of legionella. Guidance is provided on risk assessment and risk management of susceptible environments. The necessary measures to prevent, or adequately control, the risk from exposure to legionella bacteria are identified for each identified environment. Outbreaks of legionellosis generally

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cause a high level of morbidity and mortality in the people affected and as such the suspicion of an outbreak warrants immediate action. The policies and practice for outbreak management and the institutional roles and responsibilities of an outbreak control team are reviewed. This book will be useful to all those concerned with legionella and health, including environmental and public health officers, health care workers, the travel industry, researchers and special interest groups.

Tissue Oxygen Utilization-Guillermo Gutierrez 2012-01-19 Disturbances in peripheral O extraction can be produced in dogs treated with 2 endotoxin and thereby provide an opportunity to test theories for the origin of pathological O supply dependency or to try different treatment modalities. The 2 most serious deficiency in the current animal models is the inability to mimic the increased O demand that is observed in patients at O₂ delivery rates in excess of 2 normal. A particular feature of this increased O

demand is that it apparently does 2 not stimulate increased O₂ extraction, although the limitation in O extraction has 2 not been explored in patients by lowering O₂ supply, for obvious reasons. At least two possibilities to account for increased O₂ demand could be investigated in animal models, however. The amount of O₂ that is utilized in extramitochondrial pathways, which is normally on the order of 10%, may be greatly increased in ARDS and sepsis by O radical formation. There is presently no information 2 concerning how much O₂ might be used in this way. Another strong possibility is that mitochondrial injury, perhaps as a result of O₂ radical formation, uncouples oxidative phosphorylation. Some evidence presently in the literature supports this idea [19]. Indeed, the association of increased blood lactate levels with higher than expected O₂ demands makes uncoupling a very attractive hypothesis that warrants further investigation in animal models using such agents as 2,4-dinitrophenol. References 1.

Tractor Transmissions- 1969

Investigating Biology Laboratory Manual-

Judith Giles Morgan 2010 With its distinctive investigative approach to learning, this best-selling laboratory manual encourages you to participate in the process of science and develop creative and critical reasoning skills. You are invited to pose hypotheses, make predictions, conduct open-ended experiments, collect data, and apply the results to new problems. The Seventh Edition emphasizes connections to recurring themes in biology, including structure and function, unity and diversity, and the

overarching theme of evolution. Select tables from the lab manual are provided in Excel® format in MasteringBiology® at www.masteringbiology.com, allowing you to record data directly on their computer, process data using statistical tests, create graphs, and be prepared to communicate your results in class discussions or reports.

A History of the Chaco Navajos-David M. Brugge 1980