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Wired/Wireless Internet Communications
Handbook of Fire and Explosion Protection Engineering Principles
Handbook of Air Pollution from Internal Combustion Engines
Refining Processes Handbook
Fire Debris Analysis
A Source Book in Physics
Soil Quality for Crop Production and Ecosystem Health
Rebellious Parents
Soil Organic Matter and Feeding the Future
Artificial Insemination of Sheep
Oil Crop Genomics
Management Accounting for Decision Makers
Why Indigenous Literatures Matter
The Fo-Sho-Hing-Tsan-King
Encyclopedia of Renewable and Sustainable Materials
Characteristics and Uses of Steel Slag in Building Construction
Durability of Concrete
Local Food Plants of Brazil
Artificial Insemination in Farm Animals
Biermann's Handbook of Pulp and Paper
Selection of Polymeric Materials
Reproductive Technologies in Farm Animals, 2nd Edition
Animals. Part II.
Litigating Religions
Chemistry of the Upper and Lower Atmosphere
Controlled Reproduction in Sheep and Goats

The Physiology and Biochemistry of Drought Resistance in Plants
Prolific Sheep
Handbook of Solvents
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Sheep Production
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Encyclopedia of Environmental Health
Sustainable Construction Materials
A Brief Account of Microscopical Observations Made

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POWERS ALVARADO

Wired/Wireless Internet Communications Good Press

Plants are an important source of fats and oils, which are essential for the human diet. In recent years, genomics of oil biosynthesis in plants have attracted great interest, especially in high oil-bearing plants, such as sesame, olive, sunflower, and palm. Considering that, genome sequencing projects of these plants have been undertaken with the help of advanced genomics tools such as next generation sequencing. Several genome sequencing projects of oil crops are in progress and many others are en route. In addition to genome information, advanced genomics approaches are discussed such as

transcriptomics, genomics-assisted breeding, genome-wide association study (GWAS), genotyping by sequencing (GBS), and CRISPR. These have all improved our understanding of the oil biosynthesis mechanism and breeding strategies for oil production. There is, however, no book that covers the genomes and genomics of oil crops. For this reason, in this volume we collected the most recent knowledge of oil crop genomics for researchers who study oil crop genomes, genomics, biotechnology, pharmacology, and medicine. This book covers all genome-sequenced oil crops as well as the plants producing important oil metabolites. Throughout this book, the latest genomics developments and discoveries are highlighted as well as open problems and future challenges in oil crop genomics. In doing so, we have covered the state-of-the-art of developments and trends of oil crop genomics.

Handbook of Fire and Explosion Protection Engineering Principles
Springer Nature

This book constitutes the proceedings of the 17th IFIP WG 6.2 International Conference on Wired/Wireless Internet Communications, WWIC 2019, held in Bologna, Italy, in June 2019. The 20 full papers presented were carefully reviewed and selected from 35 submissions. The papers address various aspects of next generation data networks, such as design and evaluation of protocols, dynamics of integration, performance tradeoffs, the need for new performance metrics, and cross-layer interactions. They are organized in the following topical sections: the Internet of Things and WLANs; security and network management; 5G and beyond 5G networks; forwarding and congestion control; and distributed applications.

Handbook of Air Pollution from Internal Combustion Engines
Elsevier

"A Brief Account of Microscopical Observations Made" by Robert Brown. Published by Good Press. Good Press publishes a wide range of titles that encompasses every genre. From well-known classics & literary fiction and non-fiction to forgotten—or yet undiscovered gems—of world literature, we issue the books that need to be read. Each Good Press edition has been meticulously edited and formatted to boost readability for all e-readers and devices. Our goal is to produce eBooks that are user-friendly and accessible to everyone in a high-quality digital format.

Refining Processes Handbook Pearson Education

Religions are a problem for human rights, and human rights are a problem for religions. And both are problems for courts. This book presents an interpretation of how religion and human rights

interrelate in the legal context, and how this relationship might be reconceived to make this relationship somewhat less fraught. Litigating Religions, an essay adapted by Christopher McCrudden from the Alberico Gentili Lectures given at the University of Macerata, Italy, examines how the resurgent role of religion in public life gives rise to tensions with key aspects of human rights, in particular freedom of religion and anti-discrimination law, and how these tensions cannot be considered as simply transitional. The context for the discussion is the increasingly troubled area of human rights litigation involving religious arguments, such as wearing religious dress at work, conscientious objections by marriage registrars, admission of children to religious schools, prohibitions on same-sex marriage, and access to abortion. Christopher McCrudden argues that, if we wish to establish a better dialogue between the contending views, we must address a set of recurring problems identifiable in such litigation. To address these problems requires changes both in human rights theory and in religious understandings.

Fire Debris Analysis Indiana University Press

Artificial insemination is used instead of natural mating for reproduction purposes and its chief priority is that the desirable characteristics of a bull or other male livestock animal can be passed on more quickly and to more progeny than if that animal is mated with females in a natural fashion. This book contains under one cover 16 chapters of concise, up-to-date information on artificial insemination in buffalos, ewes, pigs, swine, sheep, goats, pigs and dogs. Cryopreservation effect on sperm quality and fertility, new method and diagnostic test in semen analysis, management factors affecting fertility after cervical insemination,

factors of non-infectious nature affecting the fertility, fatty acids effects on reproductive performance of ruminants, particularities of bovine artificial insemination, sperm preparation techniques and reproductive endocrinology diseases are described. This book will explain the advantages and disadvantages of using AI, the various methodologies used in different species, and how AI can be used to improve reproductive efficiency in farm animals.

A Source Book in Physics Wilfrid Laurier Univ. Press

Soil organic matter (SOM) is the primary determinant of soil functionality. Soil organic carbon (SOC) accounts for 50% of the SOM content, accompanied by nitrogen, phosphorus, and a range of macro and micro elements. As a dynamic component, SOM is a source of numerous ecosystem services critical to human well-being and nature conservancy. Important among these goods and services generated by SOM include moderation of climate as a source or sink of atmospheric CO₂ and other greenhouse gases, storage and purification of water, a source of energy and habitat for biota (macro, meso, and micro-organisms), a medium for plant growth, cycling of elements (N, P, S, etc.), and generation of net primary productivity (NPP). The quality and quantity of NPP has direct impacts on the food and nutritional security of the growing and increasingly affluent human population. Soils of agroecosystems are depleted of their SOC reserves in comparison with those of natural ecosystems. The magnitude of depletion depends on land use and the type and severity of degradation. Soils prone to accelerated erosion can be strongly depleted of their SOC reserves, especially those in the surface layer. Therefore, conservation through restorative land use and adoption of recommended management practices to create a

positive soil-ecosystem carbon budget can increase carbon stock and soil health. This volume of *Advances in Soil Sciences* aims to accomplish the following: Present impacts of land use and soil management on SOC dynamics Discuss effects of SOC levels on agronomic productivity and use efficiency of inputs Detail potential of soil management on the rate and cumulative amount of carbon sequestration in relation to land use and soil/crop management Deliberate the cause-effect relationship between SOC content and provisioning of some ecosystem services Relate soil organic carbon stock to soil properties and processes Establish the relationship between soil organic carbon stock with land and climate Identify controls of making soil organic carbon stock as a source or sink of CO₂ Connect soil organic carbon and carbon sequestration for climate mitigation and adaptation Soil Quality for Crop Production and Ecosystem Health Springer Nature

This text is an introductory course in management accounting for those seeking an understanding of basic principles and underlying concepts without detailed technical knowledge. It has a strong practical emphasis, with plenty of examples taken from the real world as well as numerical examples with step-by-step explanations.

Rebellious Parents Butterworth-Heinemann

Growth and carcass quality; Nutrition; Forage growth and utilization; health; Reproduction; genetic improvement.

Soil Organic Matter and Feeding the Future Academic Press

There has been growing academic interest in local food plants.

This is a subject that lies at the frontiers of knowledge of various areas, such as environmental sciences, nutrition, public health,

and humanities. To date, however, we do not have a book bringing these multi-disciplinary perspectives to bear on this complex field. This book presents the current state of knowledge on local Brazilian food plants through a multidisciplinary approach, including an overview of food plants in Brazil, as well as comprehensive nutritional data. It compiles basic theories on the interrelationship between biodiversity and food and nutrition security, as well as ethnobotanical knowledge of local Brazilian food plants. Additionally, this title provides various methods of learning and teaching the subject, including through social media, artificial intelligence, and through workshops, among others.

Artificial Insemination of Sheep Elsevier

The study of fire debris analysis is vital to the function of all fire investigations, and, as such, *Fire Debris Analysis* is an essential resource for fire investigators. The present methods of analysis include the use of gas chromatography and gas chromatography-mass spectrometry, techniques which are well established and used by crime laboratories throughout the world. However, despite their universality, this is the first comprehensive resource that addresses their application to fire debris analysis. *Fire Debris Analysis* covers topics such as the physics and chemistry of fire and liquid fuels, the interpretation of data obtained from fire debris, and the future of the subject. Its cutting-edge material and experienced author team distinguishes this book as a quality reference that should be on the shelves of all crime laboratories. Serves as a comprehensive guide to the science of fire debris analysis Presents both basic and advanced concepts in an easily readable, logical sequence Includes a full-color insert with figures

that illustrate key concepts discussed in the text

Oil Crop Genomics 978-5-6047535-4-5

Biermann's *Handbook of Pulp and Paper: Raw Material and Pulp Making*, Third Edition is a comprehensive reference for industry and academia covering the entire gamut of pulping technology. This book provides a thorough introduction to the entire technology of pulp manufacture; features chapters covering all aspects of pulping from wood handling at the mill site through pulping and bleaching and pulp drying. It also includes a discussion on bleaching chemicals, recovery of pulping spent liquors and regeneration of chemicals used and the manufacture of side products. The secondary fiber recovery and utilization and current advances like organosolv pulping and attempts to close the cycle in bleaching plants are also included. Hundreds of illustrations, charts, and tables help the reader grasp the concepts being presented. This book will provide professionals in the field with the most up-to-date and comprehensive information on the state-of-the-art techniques and aspects involved in pulp making. It has been updated, revised and extended. Alongside the traditional aspects of pulping and papermaking processes, this book also focuses on biotechnological methods, which is the distinguishing feature of this book. It includes wood-based products and chemicals, production of dissolving pulp, hexenuronic acid removal, alternative chemical recovery processes, forest products biorefinery. The most significant changes in the areas of raw material preparation and handling, pulping and recycled fiber have been included. A total of 11 new chapters have been added. This handbook is essential reading for all chemists and engineers in the paper and pulp industry.

Provides comprehensive coverage on all aspects of pulp making
 Covers the latest science and technology in pulp making Includes
 traditional and biotechnological methods, a unique feature of this
 book Presents the environmental impact of pulp and
 papermaking industries Sets itself apart as a valuable reference
 that every pulp and papermaker/engineer/chemist will find
 extremely useful

Management Accounting for Decision Makers Artificial
 Insemination in Farm Animals Artificial insemination is used
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 Cryopreservation effect on sperm quality and fertility, new
 method and diagnostic test in semen analysis, management
 factors affecting fertility after cervical insemination, factors of
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 explain the advantages and disadvantages of using AI, the
 various methodologies used in different species, and how AI can
 be used to improve reproductive efficiency in farm animals. Local
 Food Plants of Brazil

Characteristics and Uses of Steel Slag in Building Construction
 focuses predominantly on the utilization of ferrous slag (blast

furnace and steel slag) in building construction. This extensive
 literature review discusses the worldwide utilization of ferrous
 slag and applications in all sectors of civil engineering, including
 structural engineering, road construction, and hydro-technical
 structures. It presents cutting-edge research on the
 characteristics and properties of ferrous slag, and its overall
 impact on the environment. Comprehensively reviews the
 literature on the use of blast furnace and steel slag in civil
 engineering Examines the environmental impact of slag
 production and its effect on human health Presents cutting-edge
 research from worldwide studies on the use of blast furnace and
 steel slag

Why Indigenous Literatures Matter Elsevier

Parental activism movements are strengthening around the world
 and often spark tense personal and political debate. With an
 emphasis on Russia and Central and Eastern Europe, this
 collection analyzes formal organizations as well as informal
 networks and online platforms which mobilize parents to
 advocate for change on a grassroots level. In doing so, the work
 collected here explores the interactions between the politics,
 everyday life, and social activism of mothers and fathers. From
 fathers' rights movements to natural childbirth to vaccination
 debates, these essays provide new insight into the identities and
 strategies applied by these movements as they confront local
 ideals of gender and family with global ideologies.

The Fo-Sho-Hing-Tsan-King Woodhead Publishing

The Fo-Sho-Hing-Tsan-King. The Sacred Books of the East (SBE)
 series, comprising fifty volumes, was issued by the Oxford
 University Press between 1879 and 1910. It has translations of

key sacred texts of Hinduism, Buddhism, Taoism, Confucianism, Zoroastrianism, Jainism, and Islam. The series was edited by the famous linguist and scholar of comparative religion, Max Müller. He wrote three of the volumes, and collaborated on three others. The SBE has been designated by the United Nations Educational, Scientific and Cultural Organization (UNESCO) as part of the UNESCO Collection of Representative Works.

Encyclopedia of Renewable and Sustainable Materials CRC Press

This book, as a part of a series of CERES publications, provides a multi-regional and cross-sectoral analysis of food and water security, especially in the era of climate risks, biodiversity loss, pressure on scarce resources, especially land and water, increasing global population, and changing dietary preferences. It includes both conceptual research and empirically-based studies, which provides context-specific analyses and recommendations based on a variety of case studies from Africa, Middle East, and Asia regarding the fostering of long-term resilience of food and water security. The core approach of the volume consists of: assessing the structural drivers affecting the vulnerability of food and water security, under the persistence of current trends; identifying the best solutions and practices to enhance the climate resilience for food and water security; and fostering climate adaptation and biodiversity protection for food and water security.

Characteristics and Uses of Steel Slag in Building

Construction Oxford University Press

Today engineers, designers, buyers and all those who have to work with plastics face a dilemma. There has been a proliferation of test methods by which plastic properties are measured. The

property data measured by these test methods are not identical and sometimes have large differences. How are engineers, designers, buyers going to decide the type and resin grade and their property data? Which are the valid test methods? The right plastic property data are the difference between success and failure of a design, thus making the property selection process critical. For the first time this book provides a simple and efficient approach to a highly complex and time consuming task. There are over 26,000 different grades of polymers and millions of parts and applications, further adding to the difficulty of the selection process. Selection of Polymeric Materials steers engineers and designers onto the right path to selecting the appropriate values for each plastic property. A large amount of property information has been provided to teach and assist the plastic part designer and others in selecting the right resin and properties for an application. Various standards including ASTM, ISO, UL, and British Specifications have been discussed to help the readers in making sound decisions. • A simple and efficient approach to a highly complex and time consuming task. • Allows engineers to select from various standards including ASTM, ISO, UL, and British Specification. • Presents information on properties such as tensile strength, melt temperature, continuous service temperature, moisture exposure, specific gravity and flammability ratings. • Tried and true values narrow myriad choices down quickly for readers.

Durability of Concrete William Andrew

A comprehensive, extensive textual analysis of the principles of solvent selection and use, the handbook is intended to help formulators select ideal solvents, safety coordinators to protect

workers, and legislators and inspectors to define and implement technically correct public safeguards for use, handling, and disposal.

Local Food Plants of Brazil Elsevier

Soil is a complex body that exists as many types, each with diverse properties that may vary widely across time and space as a function of many factors. This complexity makes the evaluation of soil quality much more challenging than that of water or air quality. Evaluation of soil quality now considers environmental implications as well as economic productivity, seeking to be more holistic in its approach. Thus, soil quality research draws from a wide range of disciplines, blending the approaches of biologists, physicists, chemists, ecologists, economists and agronomists, among others. This book presents a broad perspective of soil quality that includes these various perspectives and gives a strong theoretical basis for the assessment of soil quality. A short glossary provides definitions for terms used throughout the book.

Artificial Insemination in Farm Animals CABI

Part survey of the field of Indigenous literary studies, part cultural history, and part literary polemic, *Why Indigenous Literatures Matter* asserts the vital significance of literary expression to the political, creative, and intellectual efforts of Indigenous peoples today. In considering the connections between literature and lived experience, this book contemplates four key questions at the heart of Indigenous kinship traditions: How do we learn to be human? How do we become good relatives? How do we become good ancestors? How do we learn to live together? Blending personal narrative and broader historical and cultural analysis with close readings of key creative and critical texts, Justice

argues that Indigenous writers engage with these questions in part to challenge settler-colonial policies and practices that have targeted Indigenous connections to land, history, family, and self. More importantly, Indigenous writers imaginatively engage the many ways that communities and individuals have sought to nurture these relationships and project them into the future. This provocative volume challenges readers to critically consider and rethink their assumptions about Indigenous literature, history, and politics while never forgetting the emotional connections of our shared humanity and the power of story to effect personal and social change. Written with a generalist reader firmly in mind, but addressing issues of interest to specialists in the field, this book welcomes new audiences to Indigenous literary studies while offering more seasoned readers a renewed appreciation for these transformative literary traditions.

Biermann's Handbook of Pulp and Paper Springer Nature

Written by an engineer for engineers, this book is both training manual and on-going reference, bringing together all the different facets of the complex processes that must be in place to minimize the risk to people, plant and the environment from fires, explosions, vapour releases and oil spills. Fully compliant with international regulatory requirements, relatively compact but comprehensive in its coverage, engineers, safety professionals and concerned company management will buy this book to capitalize on the author's life-long expertise. This is the only book focusing specifically on oil and gas and related chemical facilities. This new edition includes updates on management practices, lessons learned from recent incidents, and new material on chemical processes, hazards and risk reviews (e.g. CHAZOP).

Latest technology on fireproofing, fire and gas detection systems and applications is also covered. An introductory chapter on the philosophy of protection principles along with fundamental background material on the properties of the chemicals concerned and their behaviours under industrial conditions, combined with a detailed section on modern risk analysis techniques makes this book essential reading for students and professionals following Industrial Safety, Chemical Process Safety

and Fire Protection Engineering courses. A practical, results-oriented manual for practicing engineers, bringing protection principles and chemistry together with modern risk analysis techniques Specific focus on oil and gas and related chemical facilities, making it comprehensive and compact Includes the latest best practice guidance, as well as lessons learned from recent incidents

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