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National Conference on Management and Treatment of Contaminated Sediments proceedings, Cincinnati, OH, May 13-14, 1997.

DIANE Publishing

Encyclopaedia of Engineering Chemistry

Discovery Publishing House The book Encyclopaedia of Engineering Chemistry ment for Engineering students. The present book is an attempt to fulfil the need of all engineering. Students of U.P.T.U. and as well as for the engineering students of other state. It cover the complete syllabus of chemistry prescribed by Technical Universities. The treatment given is simple lucid and comprehensive. Contents: Vol. I: 1. Water and its Treatment; 2. Stereochemistry of Carbon Compounds; 3. Corrosion and Its Preventions. Vol. II: 1. Fuels; 2. Chemical Bonding; 3. Environmental Chemistry; 4. Structure of Solids. Vol. III: 1. Polymers; 2. Molecular Structure and Chemical Bonding; 3. Chemical Kinetics; 4. Phase Reactions; 5. Electrochemistry. Vol. IV: 1. Organic Reaction Mechanism; 2. Analysis of Organic Compounds; 3. Conformational Analysis; 4. Electronic Theory of Valency; 5. Mechanism of the Walden Inversion.

Commonwealth Universities Yearbook

Journal of the Institution of Engineers (India).

Chemical Engineering Division

DRILLING ENGINEERING

TOWARDS ACHIEVING TOTAL SUSTAINABILITY

Gulf Professional Publishing Sustainable Oil and Gas Development Series: Drilling Engineering delivers research materials and emerging technologies that conform sustainability drilling criteria. Starting with ideal zero-waste solutions in drilling and long-term advantages, the reference discusses the sustainability approach through the use of non-linear solutions and works its way through the most conventional practices and procedures used today. Step-by-step formulations and examples are provided to demonstrate how to look at conventional practices versus sustainable approaches with eventually diverging towards a more sustainable alternative. Emerging technologies are covered and detailed sustainability analysis is included. Economic considerations, analysis, and long-term consequences, focusing on risk management round out the with conclusions and a extensive glossary. Sustainable Oil and Gas Development Series: Drilling Engineering gives today's petroleum and drilling engineers a guide how to analyze and evaluate their operations in a more environmentally-driven way. Proposes sustainable technical criteria and strategies for today's most common drilling practices such as horizontal drilling, managed pressure drilling, and unconventional shale activity Discusses economic benefits and development challenges to invest in environmentally-friendly operations Highlights the most recent research, analysis, and challenges that remain including global optimization

Biennial Report

Engineering Chemistry

This book on Engineering Chemistry has been entirely rewritten in order to make it up-to-date and modern, both in approach and content. All diagrams have been redrawn or replaced by new ones. To meet the requirements of the latest syllabi of the various universities of India, topics like transition metals, coordination compounds, crystal field theory, gaseous and liquid states, adsorption, flame photometry, fullerenes, composites, mechanism of some typical reactions, oils and fats, soaps and detergents, have been included or expanded upon. A large number of solved numerical examples drawn from various university examinations have been given at the end of theoretical part of each chapter. Questions have been drawn from latest examinations of various universities.

Who's Who in Science and Engineering 2008-2009

Marquis Whos Who

World Directory of Crystallographers

And of Other Scientists Employing Crystallographic Methods

Springer Science & Business Media

Engineering Chemistry - II: For JNTUK

Pearson Education India Engineering Chemistry II: For JNTUK is designed to cater to the needs of the undergraduate engineering students of JNTU Kakinada. Written in a lucid style, the book offers comprehensive coverage of the important topics with neatly drawn diagrams for easy understanding of the underlying concepts. Various key topics like biodegradable polymers, nanotechnology, green chemistry, lubricants, ceramics, abrasives, refractories and cement have been dealt with in detail.

Universities Handbook

India

Handbook of Research on Microbial Remediation and Microbial Biotechnology for Sustainable Soil

IGI Global The introduction of contaminants, due to rapid urbanization and anthropogenic activities into the environment, causes distress to the physio-chemical systems including living organisms, which possibly is threatening the dynamics of nature as well as the soil biology by producing certain xenobiotics. Hence, there is an immediate global demand for the diminution of such contaminants and xenobiotics that can otherwise adversely affect the living organisms. Some toxic xenobiotics include synthetic organochlorides such as PAHs and some fractions of crude oil and coal. Over time, microbial remediation processes have been accelerated to produce better, more eco-friendly, and more biodegradable solutions for complete dissemination of these xenobiotic compounds. The advancements in microbiology and biotechnology led to the launch of microbial biotechnology as a separate area of research and contributed dramatically to the development of areas like agriculture, environment, biopharmaceutics, fermented foods, and more. The Handbook of Research on Microbial Remediation and Microbial Biotechnology for Sustainable Soil provides a detailed comprehensive account for microbial treatment technologies, bioremediation strategies, biotechnology, and the important microbial species involved in remediation. The chapters focus on recent developments in microbial biotechnology in the areas of agriculture and environment and the physiology, biochemistry, and the mechanisms of remediation along with a future outlook. This book is ideal for scientists, biologists, academicians, students, and researchers in the fields of life sciences, microbiology, environmental science, environmental engineering, biotechnology, agriculture, and health sciences.

Engineering Geology, 2nd Edition

Vikas Publishing House Engineering Geology is a multidisciplinary subject that interacts with other disciplines, such as mineralogy, petrology, structural geology, hydrogeology, seismic engineering, rock engineering, soil mechanics, geophysics, remote sensing (RS-GIS-GPS) and environmental geology. This book is the only one of its kind in the Indian market that caters to the students of all these subjects. Engineers require a deep understanding, interpretation and analyses of earth sciences before suggesting engineering designs and remedial measures to combat natural disasters, such as earthquakes, volcanoes, landslides, debris flows, tsunamis and floods. This book covers all aspects of engineering geology and is intended to serve as a reference for practicing civil engineers, geotechnical engineers, marine engineers, geologists and mining engineers. Engineering Geology has also been designed as a textbook for students pursuing undergraduate and postgraduate courses in advanced/applied geology and earth sciences. A plethora of examples and case studies relevant to the Indian context have been included for better understanding of the geological challenges faced by engineers. New in this Edition • The concept of watershed and the depiction of watershed atlas of India • Latest findings by the Indian Bureau of Mines • Recent developments in coastal engineering and innovative structures • New types of protective structures to guard against tsunamis • Role of geology in building smart cities • Environmental legislation in India

Indian Science Abstracts

Indian Books in Print

Advances in Behavioral Based Safety

Proceedings of HSFEA 2020

Springer Nature This book presents the proceedings of the International Conference on Health, Safety, Fire, Environment, and Allied Sciences 2020. It highlights latest developments in the field of science and technology aimed at improving health and safety in the workplace. The volume comprises content from leading scientists, engineers, and policy makers discussing issues relating to industrial safety, fire hazards and their management in industry, forests and other settings. Also dealt with are issues of occupational health in engineering, process and agricultural industry and protection against incidents of arson and terror attacks. The contents of this volume will be of interest to researchers, practitioners, and policy makers alike.

Current Trends on Lanthanide Glasses and Materials

Materials Research Forum LLC This monograph covers the latest developments in lanthanide doped glasses and phosphor materials. The book aims to explain the basic functioning mechanisms of phosphor materials, and the luminescence behaviour of glasses doped with certain lanthanide ions. It also describes how to plot colors in a CIE chromaticity diagram. The book will be of use for senior researchers, materials scientists, chemists, physicists, engineers, as well as research students to gain knowledge on current developments of these materials.

International Books in Print

Madhya Pradesh Gazette

Dissertation Abstracts International

The sciences and engineering. B

College Chemistry Faculties

The Biofuels Handbook

Royal Society of Chemistry Petroleum-based fuels are well-established products that have served industry and consumers for more than one hundred years. However petroleum, once considered inexhaustible, is now being depleted at a rapid rate. As the amount of available petroleum decreases, the need for alternative technologies to produce liquid fuels that could potentially help prolong the liquid fuels culture and mitigate the forthcoming effects of the shortage of transportation fuels is being sought. The dynamics are now coming into place for the establishment of a synthetic fuels industry; the processes for recovery of raw materials and processing options have to change to increase the efficiency of oil production and it is up to various levels of government not only to promote the establishment of such an industry but to recognise the need for available and variable technology. This timely handbook is written to assist the reader in understanding the options that available for the production of synthetic fuel from biological sources. Each chapter contains tables of the chemical and physical properties of the fuels and fuel sources. It is essential that the properties of such materials be presented in order to assist the researcher to understand the nature of the feedstocks as well as the nature of the products. If a product cannot be employed for its hope-for-use, it is not a desirable product and must be changed accordingly. Such plans can only be made when the properties of the original product are understood. The fuels considered include conventional and unconventional fuel sources; the production and properties of fuels from biomass, crops, wood, domestic and industrial waste and landfill gas.

Life of Pi

Vintage Canada Life of Pi is a masterful and utterly original novel that is at once the story of a young castaway who faces immeasurable hardships on the high seas, and a meditation on religion, faith, art and life that is as witty as it is profound. Using the threads of all of our best stories, Yann Martel has woven a glorious spiritual adventure that makes us question what it means to be alive, and to believe.

Engineering Chemistry-II (Anna University)

Vikas Publishing House Engineering Chemistry-II serves as a textbook for the second semester course for I year BE/B. Tech students of Anna University, Chennai The book is informative and exhaustive to meet the requirements of students who aim to assimilate authentic knowledge for use during engineering course as well as in their careers. The theoretical portions have been explained in simple language, clear style with lot of solved problems and illustrated diagrams. Academic and industrial communities will find this book a valuable resource. Key Features • Specifically designed for I year B.E. students of colleges affiliated to Anna University, Chennai. • The chapters are presented in simple language. • Suitable diagrams for clear understanding of the concepts. • The recent developments in the respective fields are included in all the chapters. • Comparative tables are presented where ever two similar concepts arise. • Many solved problems. • Review questions from previous Anna University examinations at the end of each chapter.

Analysis, Synthesis, and Design of Chemical Processes

Prentice Hall "Process design is the focal point of chemical engineering practice: the creative activity through which engineers continuously improve facility operations to create products that enhance life. Effective chemical engineering design requires students to integrate a broad spectrum of knowledge and intellectual skills, so they can analyze both the big picture and minute details - and know when to focus on each. Through three previous editions, this book has established itself as the leading resource for students seeking to apply what they've learned in real-world, open-ended process problems. The authors help students hone and synthesize their design skills through expert coverage of preliminary equipment sizing, flowsheet optimization, economic evaluation, operation and control, simulation, and other key topics. This new Fourth Edition is extensively updated to reflect new technologies, simulation techniques, and process control strategies, and to include new pedagogical features including concise summaries and end-of-chapter lists of skills and knowledge."--pub. desc.

TARGET IIFT 2021 (Past Papers 2005 - 2020) + 5 Mock Tests 12th Edition

Disha Publications

Who's who in Technology Today

Target XAT 2022 (Past Papers 2005 - 2021 + 5 Mock Tests) 13th Edition

Disha Publications

Government Gazette

Elements Of Mercantile Law

21st Century Nanoscience A Handbook (Ten-Volume Set)

CRC Press This 21st Century Nanoscience Handbook will be the most comprehensive, up-to-date large reference work for the field of nanoscience. Handbook of Nanophysics, by the same editor, published in the fall of 2010, was embraced as the first comprehensive reference to consider both fundamental and applied aspects of nanophysics. This follow-up project has been conceived as a necessary expansion and full update that considers the significant advances made in the field since 2010. It goes well beyond the physics as warranted by recent developments in the field. Key Features: Provides the most comprehensive, up-to-date large reference work for the field. Chapters written by international experts in the field. Emphasises presentation and real results and applications. This handbook distinguishes itself from other works by its breadth of coverage, readability and timely topics. The intended readership is very broad, from students and instructors to engineers, physicists, chemists, biologists, biomedical researchers, industry professionals, governmental scientists, and others whose work is impacted by nanotechnology. It will be an indispensable resource in academic, government, and industry libraries worldwide. The fields impacted by nanoscience extend from materials science and engineering to biotechnology, biomedical engineering, medicine, electrical engineering, pharmaceutical science, computer technology, aerospace engineering, mechanical engineering, food science, and beyond.

21st Century Nanoscience – A Handbook

Exotic Nanostructures and Quantum Systems (Volume Five)

CRC Press This 21st Century Nanoscience Handbook will be the most comprehensive, up-to-date large reference work for the field of nanoscience. Handbook of Nanophysics, by the same editor, published in the fall of 2010, embraced as the first comprehensive reference to consider both fundamental and applied aspects of nanophysics. This follow-up project has been conceived as a necessary expansion and full update that considers the significant advances made in the field since 2010. It goes well beyond the physics as warranted by recent developments in the field. The fifth volume in a ten-volume set covers exotic nanostructures and quantum systems. Key Features: Provides the most comprehensive, up-to-date large reference work for the field. Chapters written by international experts in the field. Emphasises presentation and real results and applications. This handbook distinguishes itself from other works by its breadth of coverage, readability and timely topics. The intended readership is very broad, from students and instructors to engineers, physicists, chemists, biologists, biomedical researchers, industry professionals, governmental scientists, and others whose work is impacted by nanotechnology. It will be an indispensable resource in academic, government, and industry libraries worldwide. The fields impacted by nanoscience extend from materials science and engineering to biotechnology, biomedical engineering, medicine, electrical engineering, pharmaceutical science, computer technology, aerospace engineering, mechanical engineering, food science, and beyond.

Gurus of Modern Yoga

Oxford University Press Gurus of Modern Yoga explores the contributions that individual gurus have made to the formation of the practices and discourses of yoga in today's world.

Cobalt Catalysis in Organic Synthesis

Methods and Reactions

John Wiley & Sons Provides a much-needed account of the formidable "cobalt rush" in organic synthesis and catalysis Over the past few decades, cobalt has turned into one of the most promising metals for use in catalytic reactions, with important applications in the efficient and selective synthesis of natural products, pharmaceuticals, and new materials. Cobalt Catalysis in Organic Synthesis: Methods and Reactions provides a unique overview of cobalt-catalysed and -mediated reactions applied in modern organic synthesis. It covers a broad range of homogeneous reactions, like cobalt-catalysed hydrogenation, hydrofunctionalization, cycloaddition reactions, C-H functionalization, as well as radical and biomimetic reactions. First comprehensive book on this rapidly evolving research area Covers a broad range of homogeneous reactions, such as C-H activation, cross-coupling, synthesis of heterocyclic compounds (Pauson-Khand), and more Chapters on low-valent cobalt complexes as catalysts in coupling reactions, and enantioselective cobalt-catalyzed transformations are also included Can be used as a supplementary reader in courses of advanced organic synthesis and organometallic chemistry Cobalt Catalysis in Organic Synthesis is an ideal book for graduates and researchers in academia and industry working in the field of synthetic organic chemistry, catalysis, organometallic chemistry, and natural product synthesis.

Careers Digest

A Journal of Careers, Competitions, and Current Affairs

A Textbook of Engineering Physics

S. Chand Publishing A Textbook of Engineering Physics is written with two distinct objectives: to provide a single source of information for engineering undergraduates of different specializations and provide them a solid base in physics. Successive editions of the book incorporated topics as required by students pursuing their studies in various universities. In this new edition the contents are fine-tuned, modernized and updated at various stages.

Sarah's Valley

Sharon Mierke Sarah's dream was to live in a beautiful valley with a slow moving river running through it. This was a big dream for a young girl who, along with her brother Frank, were orphaned early in life. Their parents died with the wagon train on the way to California in the early 1800's. Sarah and Frank were the only survivors. How would two children survive the highway men, the raging grassfires, the cold winters and the heartache? This is their life story as told through the eyes of an old Indian man named Winnepesaukee.

All India Civil List

Who's who in Technology Today: Electronic and physics technologies

Directory of leading scientists and engineers who are the leaders in the most important areas of American technology. Each entry gives education, publications, achievements, area of expertise, honors, patents, and personal information.

All-India Civil List; a Complete Directory of the Indian Civil and Administrative Services and Other Higher Services Under the Union and the State Governments