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 Proceedings of ICAEES 2014, Volume 2
 ICCIDE 2017
 Magnesium and Its Alloys
 Proceedings of ICDSSA 2019
 Innovative Design, Analysis and Development Practices in Aerospace and Automotive Engineering (I-DAD 2018)
 A Textbook of Strength of Materials
 Manufacturing Technology—Metal Cutting and Machine Tools, 4e (Volume II)
 Proceedings of International Conference on Intelligent Computing, Information and Control Systems (in S.I. Units)
 Proceedings of International Conference on Intelligent Manufacturing and Automation
 The Mechatronics Handbook - 2 Volume Set
 Principles of Solar Engineering, Second Edition
 Select Proceedings of ICAST 2020
 Automotive Tribology
 A Materials Science Companion
 Select Proceedings of ICIME 2020

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Comparative Quantification of Health Risks: Sexual and reproductive health Springer Nature

A significant new way of understanding contemporary capitalism is to understand the intensification and spread of data analytics. This text is about the powerful promises and visions that have led to the expansion of data analytics and data-led forms of social ordering. It is centrally concerned with examining the types of knowledge associated with data analytics and shows that how these analytics are envisioned is central to the emergence and prominence of data at various scales of social life. This text aims to understand the powerful role of the data analytics industry and how this industry facilitates the spread and intensification of data-led processes. As such, The Data Gaze is concerned with understanding how data-led, data-driven and data-reliant forms of capitalism pervade organisational and everyday life. Using a clear theoretical approach derived from Foucault and critical data studies the text develops the concept of the data gaze and shows how powerful and persuasive it is. It's an essential and subversive guide to data analytics and data capitalism.

Physics Briefs World Health Organization

Quantum mechanics, the subfield of physics that describes the behavior of very small (quantum) particles, provides the basis for a new paradigm of computing. First proposed in the 1980s as a way to improve computational modeling of quantum systems, the field of quantum computing has recently garnered significant attention due to progress in building small-scale devices. However, significant technical advances will be required before a large-scale, practical quantum computer can be achieved. Quantum Computing: Progress and Prospects provides an introduction to the field, including the unique characteristics and constraints of the technology, and assesses the feasibility and implications of creating a functional quantum computer capable of addressing real-world problems. This report considers hardware and software requirements, quantum algorithms, drivers of advances in quantum computing and quantum devices, benchmarks associated with relevant use cases, the time and resources required, and how to assess the probability of success.

Sustainable Machining Springer Nature

The primary mission of the third edition of Handbook of Food Engineering is to provide the information needed for efficient design and development of processes used in the manufacturing of food products, along with supplying the traditional background on these processes. The new edition focuses on the thermophysical properties of food and the rate constants of

change in food components during processing. It highlights the use of these properties and constants in process design. In addition to chapters on the properties of food and food ingredients, the book has a new chapter on nano-scale science in food processing. An additional chapter focuses on basic concepts of mass transfer in foods.

A Computer Approach (SI Units Version) American Chemical Society Publ

'An Introduction to Modern Vehicle Design' provides a thorough introduction to the many aspects of passenger car design in one volume. Starting with basic principles, the author builds up analysis procedures for all major aspects of vehicle and component design. Subjects of current interest to the motor industry, such as failure prevention, designing with modern materials, ergonomics and control systems are covered in detail, and the author concludes with a discussion on the future trends in automobile design. With contributions from both academics lecturing in motor vehicle engineering and those working in the industry, "An Introduction to Modern Vehicle Design" provides students with an excellent overview and background in the design of vehicles before they move on to specialised areas. Filling the niche between the more descriptive low level books and books which focus on specific areas of the design process, this unique volume is essential for all students of automotive engineering. Only book to cover the broad range of topics for automobile design and analysis procedures Each topic written by an expert with many years experience of the automotive industry

Capitalism, Power and Perception CRC Press

Magnesium and Its Alloys: Technology and Applications covers a wide scope of topics related to magnesium science and engineering, from manufacturing and production to finishing and applications. This handbook contains thirteen chapters, each contributed by experts in their respective fields, and presents a broad spectrum of new information on pure magnesium, magnesium alloys, and magnesium matrix MgMCs composites. It covers such topics as computational thermodynamics, modern Mg-alloys with enhanced creep or fatigue properties, cutting-edge approaches to melt treating (grain refinement, micro-alloying, and the resulting solidification and growth), coatings, surface engineering, environmental protection (recycling and green energy storage and production), as well as biomedical applications. Aimed at researchers, professionals, and graduate students, the book conveys comprehensive and cutting-edge knowledge on magnesium alloys. It is especially useful to those in the fields of materials engineering, mechanical engineering, manufacturing engineering, and metallurgy.

Introduction to Nuclear Engineering Springer Nature

This book gathers the best papers presented at the International

Conference on Data Sciences, Security and Applications (ICDSSA 2019), organized by Bharati Vidyapeeth's College of Engineering, New Delhi, India, on 7-8 March 2019. The respective contributions present original research work, essential information, techniques and applications in the fields of data mining, artificial intelligence and computational intelligence. They also discuss machine learning in business intelligence and big data analytics, soft computing, security, cloud computing and the latest trends.

International Aerospace Abstracts Springer Nature

This book comprises select proceedings of the International Conference on Design, Materials, Cryogenics and Constructions (ICDMC 2019). The chapters cover latest research in different areas of mechanical engineering such as additive manufacturing, automation in industry and agriculture, combustion and emission control, CFD, finite element analysis, and engineering design. The book also focuses on cryogenic systems and low-temperature materials for cost-effective and energy-efficient solutions to current challenges in the manufacturing sector. Given its contents, the book can be useful for students, academics, and practitioners.

ICICCS 2020 McGraw-Hill College

The text is designed for junior and senior level Nuclear Engineering students. The third edition of this highly respected text offers the most current and complete introduction to nuclear engineering available. Introduction to Nuclear Engineering has been thoroughly updated with new information on French, Russian, and Japanese nuclear reactors. All units have been revised to reflect current standards. In addition to the numerous end-of-chapter problems, computer exercises have been added.

Teaching General Chemistry Pearson/Education

This Text-Cum-Reference Book Has Been Written To Meet The Manifold Requirement And Achievement Of The Students And Researchers. The Objective Of This Book Is To Discuss, Analyses And Design The Various Power Plant Systems Serving The Society At Present And Will Serve In Coming Decades India In Particular And The World In General. The Issues Related To Energy With Stress And Environment Up To Some Extent And Finally Find Ways To Implement The Outcome.Salient Features# Utilization Of Non-Conventional Energy Resources# Includes Green House Effect# Gives Latest Information S In Power Plant Engineering# Include Large Number Of Problems Of Both Indian And Foreign Universities# Rich Contents, Lucid Manner

Enhancing Future Skills and Entrepreneurship Springer

A Text Book of Automobile EngineeringFirewall MediaProceedings of International Conference on Computational Intelligence and Data EngineeringICCIDE 2017Springer

Artificial Intelligence and Evolutionary Algorithms in Engineering Systems New Age International

This book presents a comprehensive study of all important aspects of tribology. It covers issues and their remedies adopted by researchers working on automobile systems. The book is broadly divided into three sections, viz. (i) new materials for automotive applications, (ii) new lubricants for automotive applications, and (iii) impact of surface morphologies for automotive applications. The rationale for this division is to provide a comprehensive and categorical review of the developments in automotive tribology. The book covers tribological aspects of engines, and also discusses influence of new materials, such as natural fibers, metal foam materials, natural fiber reinforced polymer composites, carbon fiber/silicon nitride polymer composites and aluminium matrix composites. The book also looks at grease lubrication, effectiveness and sustainability of solid/liquid additives in lubrication, and usage of biolubricants. In the last section the book focuses on brake pad materials, shot peening method, surface texturing, magnetic rheological fluid for smart automobile brake and clutch systems, and application of tribology in automobile systems. This book will be of interest to students, researchers, and professionals from the automotive industry.

Proceedings of ICDMC 2019 Springer Nature

This book presents select proceedings of the International Conference on Advances in Sustainable Technologies (ICAST 2020), organized by Lovely Professional University, Punjab, India. The topics covered in this book are multidisciplinary in nature. The primary topics included in the book are from the domains of automobile engineering, mechatronics, material science and engineering, aerospace engineering, bio-mechanics, biomedical instrumentation, mathematical techniques, agricultural engineering, nuclear engineering, physics, biodynamic modelling and ergonomics etc. The contents of this book will be beneficial for beginners, researchers, and professionals alike.

Recent Trends in Mechanical Engineering Marquis Whos Who

This book provides an overview on current sustainable machining. Its chapters cover the concept in economic, social and environmental dimensions. It provides the reader with proper ways to handle several pollutants produced during the machining process. The book is useful on both undergraduate and postgraduate levels and it is of interest to all those working with manufacturing and machining technology.

Physikalische Berichte CRC Press

"This resource book discusses the economic arguments that could (and could not) be put forth to support the case for investing in the social determinants of health on average and in the reduction in socially determined health inequalities. It provides an overview and introduction into how economists would approach the assessment of the economic motivation to invest in the social determinants of health and socially determined health inequities, including what the major challenges are in this assessment. It

illustrates the extent to which an economic argument can be made in favour of investment in 3 major social determinants of health areas: education, social protection, and urban development and infrastructure. It describes whether education policy, social protection, and urban development, housing and transport policy can act as health policy"--

Recent Advances in Sustainable Technologies Springer

This resource volume, written especially for teachers of introductory chemistry courses, is in a ready-to-use format that will enable instructors to integrate materials chemistry into their curriculum. The book collects a critical mass of text, demonstrations, and laboratory experiments. The first ten chapters present a general introduction to solids; numerous easy-to-do teacher demonstrations are integrated into the material. The second part of the volume consists of fifteen laboratory experiments for students. Examples from cutting-edge research, as well as everyday life, spark student interest while illustrating the basic ideas that are important to an understanding of chemistry.

Who's Who in Science and Engineering 2008-2009 CRC Press

Updated concepts and tools to set up project plans, schedule work, monitor progress-and consistently achieve desired project results. In today's time-based and cost-conscious global business environment, tight project deadlines and stringent expectations are the norm. This classic book provides businesspeople with an excellent introduction to project management, supplying sound, basic information (along with updated tools and techniques) to understand and master the complexities and nuances of project management. Clear and down-to-earth, this step-by-step guide explains how to effectively spearhead every stage of a project-from developing the goals and objectives to managing the project team-and make project management work in any company. This updated second edition includes: * New material on the Project Management Body of Knowledge (PMBOK) * Do's and don'ts of implementing scheduling software* Coverage of the PMP certification offered by the Project Management Institute* Updated information on developing problem statements and mission statements* Techniques for implementing today's project management technologies in any organization-in any industry.

3rd Indo-German Conference on Sustainability in Engineering Springer Nature

This book consists of peer-reviewed proceedings from the International Conference on Innovations in Mechanical Engineering (ICIME 2020). The contents cover latest research in all major areas of mechanical engineering, and are broadly divided into five parts: (i) thermal engineering, (ii) design and optimization, (iii) production and industrial engineering, (iv) materials science and metallurgy, and (v) multidisciplinary topics. Different aspects of designing, modeling, manufacturing, optimizing, and processing are discussed in the context of emerging applications. Given the range of topics covered, this

book can be useful for students, researchers as well as professionals.

Emerging Trends in Mechanical Engineering Elsevier

Intended as a textbook for "applied" or engineering thermodynamics, or as a reference for practicing engineers, the book uses extensive in-text, solved examples and computer simulations to cover the basic properties of thermodynamics. Pure substances, the first and second laws, gases, psychrometrics, the vapor, gas and refrigeration cycles, heat transfer, compressible flow, chemical reactions, fuels, and more are presented in detail and enhanced with practical applications. This version presents the material using SI Units and has ample material on SI conversion, steam tables, and a Mollier diagram. A CD-ROM, included with the print version of the text, includes a fully functional version of QuickField (widely used in industry), as well as numerous demonstrations and simulations with MATLAB, and other third party software.

E-Mobility Springer Nature

This book gathers selected papers presented at the Second International Conference on Intelligent Manufacturing and Automation (ICIMA 2020), which was jointly organized by the Departments of Mechanical Engineering and Production Engineering at Dwarkadas J. Sanghvi College of Engineering (DJSCE), Mumbai, and by the Indian Society of Manufacturing Engineers (ISME). Covering a range of topics in intelligent manufacturing, automation, advanced materials and design, it focuses on the latest advances in e.g. CAD/CAM/CAE/CIM/FMS in manufacturing, artificial intelligence in manufacturing, IoT in manufacturing, product design & development, DFM/DFA/FMEA, MEMS & nanotechnology, rapid prototyping, computational techniques, nano- & micro-machining, sustainable manufacturing, industrial engineering, manufacturing process management, modelling & optimization techniques, CRM, MRP & ERP, green, lean & agile manufacturing, logistics & supply chain management, quality assurance & environmental protection, advanced material processing & characterization of composite & smart materials. The book is intended as a reference guide for future researchers, and as a valuable resource for students in graduate and doctoral programmes.

ICIMA 2020 A Text Book of Automobile Engineering

This second edition of Principles of Solar Engineering covers the latest developments in a broad range of topics of interest to students and professionals interested in solar energy applications. With the scientific fundamentals included, the book covers important areas such as heating and cooling, passive solar applications, detoxification and biomass energy conversion. This comprehensive textbook provides examples of methods of solar engineering from around the world and includes examples, solutions and data applicable to international solar energy issues. A solutions manual is available to qualified instructors.

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- [A Court Of Thorns And Roses Paperback Box Set \(5 Books\)](#)
- [Are You There God? It's Me, Margaret.](#)
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- [Guess How Much I Love You By Sam Mcbratney](#)
- [Never Never: A Romantic Suspense Novel Of Love And Fate By Colleen Hoover](#)
- [Rich Dad Poor Dad: What The Rich Teach Their Kids About Money That The Poor And Middle Class Do Not!](#)
- [Young Forever: The Secrets To Living Your Longest, Healthiest Life \(the Dr. Hyman Library, 11\) By Dr. Mark Hyman Md](#)