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KEY=MTECH - RAYMOND JIMMY

Data-Driven Optimization of Manufacturing Processes

IGI Global All machining process are dependent on a number of inherent process parameters. It is of the utmost importance to find suitable combinations to all the process parameters so that the desired output response is optimized. While doing so may be nearly impossible or too expensive by carrying out experiments at all possible combinations, it may be done quickly and efficiently by using computational intelligence techniques. Due to the versatile nature of computational intelligence techniques, they can be used at different phases of the machining process design and optimization process. While powerful machine-learning methods like gene expression programming (GEP), artificial neural network (ANN), support vector regression (SVM), and more can be used at an early phase of the design and optimization process to act as predictive models for the actual experiments, other metaheuristics-based methods like cuckoo search, ant colony optimization, particle swarm optimization, and others can be used to optimize these predictive models to find the optimal process parameter combination. These machining and optimization processes are the future of manufacturing. Data-Driven Optimization of Manufacturing Processes contains the latest research on the application of state-of-the-art computational intelligence techniques from both predictive modeling and optimization viewpoint in both soft computing approaches and machining processes. The chapters provide

solutions applicable to machining or manufacturing process problems and for optimizing the problems involved in other areas of mechanical, civil, and electrical engineering, making it a valuable reference tool. This book is addressed to engineers, scientists, practitioners, stakeholders, researchers, academicians, and students interested in the potential of recently developed powerful computational intelligence techniques towards improving the performance of machining processes.

Service Quality Measurement: Issues and Perspectives

Anchor Academic Publishing (aap_verlag) This book is very useful for it is not just 'descriptive' in its nature, but 'prescriptive', too. It is descriptive in the sense that it describes the process of developing or using a metric in a problem situation, and prescriptive as it clearly prescribes how a beginner can put the theory into practice. In this globalized economy, maintaining quality of products and services has been the thrust area of interest among academicians and practitioners. Today, there are quite a good number of books and research articles available. Nevertheless, service quality measurement has always posed problems, particularly in the context of service industries due to the difficulty in the measurement of the intangibles and implied needs of the customers. The research literature is filled with articles on how to quantify the services, and there are several streams of arguments on the choice of the most ideal approach. However, the research gap lies in the answer to the question: 'Do these measurement instruments concur in their measurement outcomes or do they give different results in the same situation?' This book primarily makes an attempt to answer this question through a case study approach. Even though, there are several instruments for the measurement of service quality, the two most widely used instruments are SERVQUAL and SERVPERF metrics. Comprehensively, this book explains the systematic procedure of using both, the instruments in a service sector, and further, the procedure for conducting a statistical analysis so that one will be able to apply the same in any service sector. It then takes the reader through a series of tests in order to compare the two metrics, and to prove statistically if there is the same outcome in a problem situation. The results are sure to surprise the reader, and trigger the "research bent of mind" to undertake a similar study of such metrics and gain mastery over performing an independent research with very minimal guidance from a professional gu

Fiber-Reinforced Nanocomposites: Fundamentals and Applications

Elsevier Fiber-reinforced Nanocomposites: Fundamentals and Applications explores the fundamental concepts and emerging applications of fiber-reinforced nanocomposites in the automobile, aerospace, transportation, construction, sporting goods, optics, electronics, acoustics and environmental sector. In addition, the book provides a detailed overview of the properties of fiber-reinforced nanocomposites, including discussion on embedding these high-strength fibers in matrices. Due to the mismatch in structure, density, strain and thermal expansion coefficients between matrix and fibers, their thermo-mechanical properties strongly depend not only on the preparative methods, but also on the interaction between reinforcing phase and matrix phase. This book offers a concise overview of these advances and how they are leading to the creation of stronger, more durable classes of nanocomposite materials. Explores the interaction between fiber, nanoreinforcers and matrices at the nanoscale Shows how the properties of fiber-enforced nanocomposites are ideal for use for a variety of consumer products Outlines the major challenges to creating fiber-reinforced nanocomposites effectively

HIGHER ALGEBRA

Arihant Publications India limited The Classic Texts Series is the only of its kind selection of classic pieces of work that started off as bestseller and continues to be the bestseller even today. These classic texts have been designed so as to work as elementary textbooks which play a crucial role in building the concepts from scratch as in-depth knowledge of concepts is necessary for students preparing for various entrance exams.The present book on Higher Algebrapresents all the elements of Higher Algebra in a single book meant to work as textbook for the students beginning their preparation of the varied aspects covered under Higher Algebra. The present book has been divided into 35 chapters namely Ratio, Proportion, Variation, Arithmetical Progression, Geometrical Progression, Harmonical Progression Theorems Connected with The Progression, Scales of Notation, Surds & Imaginary Quantities, The Theory of Quadratic Equations, Miscellaneous Equations, Permutations & Combinations, Mathematical Induction, Binomial Theorem Positive Integral Index, Binomial Theorem, Any Index, Multinational Theorem, Logarithms, Exponential & Logarithmic Series,

Interest & Annuities, Inequalities, Limiting Values & Vanishing Fractions, Convergency&Divergency of Series, Undetermined Coefficients, Partial Fractions, Recurring Series, Continued Fractions, Recurring Series, Continued Fractions, Indeterminate Equations of the First Degree, Recurring Continued Fractions, Indeterminate Equations of the Second Degree, Summation of Series, Theory of Numbers, The General Theory of Continued Fractions, Probability, Determinants, Miscellaneous Theorems & Examples and Theory of Equations, each subdivided into number of topics. The first few chapters in the book have been devoted to a fuller discussion of Ratio, Proportions, Variation and the Progressions. Both the theoretical text as well as examples have been treated minutely which will help in better understanding of the concepts covered in the book. Theoretical explanation of the concepts in points has been provided at the beginning of each chapter. At the end of each chapter, unsolved practice exercises have been provided to help aspirants revise the concepts discussed in the chapter. At the end of chapterwise study, miscellaneous examples have also been given along with answers and solutions to the unsolved examples covered in each chapter. All the relevant theorems covered under the syllabi of Higher Algebra have also been covered in the detail in this book.As the book covers the whole syllabi of Higher Algebra in detail along with ample number of solved examples, it for sure will help the students perfect the varied concepts covered under the Higher Algebra section.

Wireless and Mobile Communications

Springer Science & Business Media In October 1993, the Rutgers University Wireless Infonnation Network Laboratory hosted the fourth WINLAB Workshop on Third Generation Wireless Infonnation Networks. These events bring together a select group of experts interested in the long tenn future of Personal Communications, Mobile Computing, and other services supported by wireless telecommunications technology. This is a fast moving field and we already see, in present practice, realizations of visions articulated in the earlier Workshops. In particular, the second generation systems that absorbed the attention of the first WINLAB Workshop, are now commercial products. It is an interesting reflection on the state of knowledge of wireless communications that the debates about the relative technical merits of these systems have not yet been resolved. Meanwhile, in the light of United States Government announcements in September 1993 the business and technical communities must confront this year a new generation of Personal Communications Services. Here we have applications in search of the best technologies rather than the reverse. This is a rare situation in the infonnation business. Today's advanced planning and forward looking studies will prevent technology shortages and uncertainties at the end of this decade. By then, market size and public expectations will

surpass the capabilities of the systems of the mid-1990's. Third Generation Wireless Infonnation Networks will place greater burdens on technology than their predecessors by offering a wider range of services and a higher degree of service integration.

Proceedings of International Conference on Innovations in Software Architecture and Computational Systems ISACS 2021

Springer Nature This book gathers a collection of high-quality peer-reviewed research papers presented at First International Conference on Innovations in Software Architecture and Computational Systems (ISACS 2021), held at Guru Nanak Institute of Technology, Kolkata, India, during 2 3 April 2021. The book primarily focuses on developing artificial intelligence-based algorithms and methodologies for enabling intelligent hardware and software systems. This book brings together the latest findings on efficient technological solutions for developing intelligent and hybrid systems, intelligent software architecture, machine intelligence-based analytical tools and also smart sensors and networks. The prime focus is on solving technological problems using state-of-the-art research finding like fuzzy computing, evolutionary and hybrid frameworks, neuro-computing, etc., along with other AI-based computation platforms. The book offers a valuable resource for all undergraduate, postgraduate students and researchers interested in exploring solution frameworks for social good problems using artificial intelligence.

Biomolecular Feedback Systems

Princeton University Press This book provides an accessible introduction to the principles and tools for modeling, analyzing, and synthesizing biomolecular systems. It begins with modeling tools such as reaction-rate equations, reduced-order models, stochastic models, and specific models of important core processes. It then describes in detail the control and dynamical systems tools used to analyze these models. These include tools for analyzing stability of equilibria, limit cycles, robustness, and parameter uncertainty. Modeling and analysis techniques are then applied to

design examples from both natural systems and synthetic biomolecular circuits. In addition, this comprehensive book addresses the problem of modular composition of synthetic circuits, the tools for analyzing the extent of modularity, and the design techniques for ensuring modular behavior. It also looks at design trade-offs, focusing on perturbations due to noise and competition for shared cellular resources. Featuring numerous exercises and illustrations throughout, Biomolecular Feedback Systems is the ideal textbook for advanced undergraduates and graduate students. For researchers, it can also serve as a self-contained reference on the feedback control techniques that can be applied to biomolecular systems. Provides a user-friendly introduction to essential concepts, tools, and applications Covers the most commonly used modeling methods Addresses the modular design problem for biomolecular systems Uses design examples from both natural systems and synthetic circuits Solutions manual (available only to professors at press.princeton.edu) An online illustration package is available to professors at press.princeton.edu

INDUSTRIAL ENGINEERING AND MANAGEMENT

PHI Learning Pvt. Ltd. The book is primarily intended as a text for all branches of B.Tech, M.Tech and MBA courses. Beginning with an introduction to industrial engineering, it discusses contributions and thoughts of classical (Taylor, Fayol, and Weber's), neo-classical (Hawthorne) and modern thinkers. The book explains different functions of management, and differentiate between management and administration. Various types of business organisations with their structures and personnel management also find place in the book. Topics related to facilities location, material handling, work study, job evaluation and merit rating, wages and incentives that are of prime importance in any business are discussed. The book is aimed at providing a better understanding of industrial operations with practical approach. Financial aspects related to business operations such as financial management, management accounting, breakeven analysis, depreciation and replacement policies for equipment assume prime importance. Numerical examples have been solved at appropriate places to create interest in readers. Marketing aspects of business as marketing management, new product development and sales forecasting methods are discussed, besides management and control of operations. For maintaining industrial peace, good relationship between employers and employees is essential. Chapters on industrial relations, industrial safety and industrial legislations are introduced with the objective of providing readers with information on these important aspects. Good decision-making is what differentiates a good manager from a bad one. Thus, a chapter on decision-making is added to examine its skill. Network constructions, CPM, PERT have been covered under project management. Quantitative techniques for

decision-making as linear programming, transportation problems, assignment problems, game theory, queuing theory, etc., are also discussed in this textbook. KEY FEATURES • Lucid presentation of the concepts. • Illustrative figures and tables make the reading more fruitful and enriching. • Numerical problems with solutions form an integral part of the book, making it application-oriented. • Chapter-end review questions test the students' knowledge of the fundamental concepts.

System Simulation, Modelling and Languages

PHI Learning Pvt. Ltd. Designed as a text for undergraduate students (B.Tech./B.E.) of Computer Science and Engineering and IT, Mechanical Engineering and Mechatronics Engineering, and postgraduate students (M.Tech./M.E., M.Sc.) of Computer Science and Engineering and IT and Industrial Engineering, as well as for Bachelor and Master of Computer Applications (BCA/MCA), this well-organized book gives an in-depth analysis of the concepts of system simulation modelling and simulation languages. The book provides detailed discussions on the fundamental and advanced concepts of simulation. The book begins with the concept of system and the different terminologies associated with the system. Then it presents the different methods of random number generation and their tests. Besides, the text dwells on different probability distributions and their random variates, which are used in the simulation model, and describes various simulation languages such as GPSS, Simula I, SIMSCRIPT, CSL, GASP, OPS-3, DYNAMO, SIMAN and SLAM II. Further, it gives a comprehensive coverage of different queueing systems with illustrative examples as well as the logics of simulation model for both single-server and parallel-server queueing systems. The concluding chapters deal extensively with GPSS language, Arena simulation software and ProModel simulation software. Key Features • Follows a step-by-step approach to derive the test results. • Gives a large number of solved examples and well-designed chapter-end questions. • Includes several real-life Case Studies to illustrate the concepts discussed.

Mechanical Vibrations, 2nd Edition

S. Chand Publishing Written specifically for the students of Mechanical Engineering, "Mechanical Vibrations" is a succinctly written textbook. Without being verbose, the textbook delves into all concepts related to the subject and deals with them in a laconic manner. Concepts such as Freedom Systems, Vibration Measurement and Transient

Vibrations have been treated well for the student to get profounder knowledge in the subject.

Manipal Entrance Test (MET) 2021 10 Mock Tests Latest Edition Practice Kit

Edugorilla Community Pvt. Limited Manipal Academy of Higher Education, formerly known as Manipal University, is a private research institute deemed to be a university located in the university town of Manipal, Udupi, Karnataka, India. Manipal Academy of Higher Education has branch campuses in Dubai and Mangalore. Manipal Academy of Higher Education conducts its own online entrance exam to offer admissions to eligible candidates in the programmes. Candidates can get admissions in courses provided at Manipal University on the basis of their scores in Manipal Entrance Test (MET). Programmes which is offered by Manipal University for admissions at Manipal University are-MBBS, MD, MS, PG Medical Diploma, MSc (in many disciplines), MPhil, DM, Bachelor of Audiology & Speech Pathology (BASLP), Bachelor of Cardiovascular Technology (BSc CVT), BSc (in many disciplines), Bachelor of Physiotherapy (BPT), BTech (in many disciplines), MTech (in many disciplines), MSc (in many disciplines), BArch, BDes, BA, MA and the likes

Operating System (A Practical App)

S. Chand Publishing For the Students of B.E. / B.Tech., M.E. / M.Tech. & BCA / MCA It is indeed a matter of great encouragement to write the Third Edition of this book on ';Operating Systems - A Practical Approach' which covers the syllabi of B.Tech./B.E. (CSE/IT), M.Tech./M.E. (CSE/IT), BCA/MCA of many universities of India like Delhi University, GGSIPU Delhi, UPTU Lucknow, WBUT, RGPV, MDU, etc.

Mechanical & Manufacturing Engineering

Trans Tech Publications Ltd Selected, peer reviewed papers from the 3rd International Conference on Mechanical & Manufacturing Engineering 2012, November 20 21, 2012, Malaysia. The conference offers a platform for researchers, academicians, technologist, policy makers, industrialists and students to share, discuss and highlight their research findings particularly works that related to research and technological developments and knowledge transfers keeping

in mind the main theme Sustainable Engineering towards Green Technology

IETE Technical Review

Marine Hydrodynamics, 40th anniversary edition

MIT Press A textbook that offers a unified treatment of the applications of hydrodynamics to marine problems. The applications of hydrodynamics to naval architecture and marine engineering expanded dramatically in the 1960s and 1970s. This classic textbook, originally published in 1977, filled the need for a single volume on the applications of hydrodynamics to marine problems. The book is solidly based on fundamentals, but it also guides the student to an understanding of engineering applications through its consideration of realistic configurations. The book takes a balanced approach between theory and empirics, providing the necessary theoretical background for an intelligent evaluation and application of empirical procedures. It also serves as an introduction to more specialized research methods. It unifies the seemingly diverse problems of marine hydrodynamics by examining them not as separate problems but as related applications of the general field of hydrodynamics. The book evolved from a first-year graduate course in MIT's Department of Ocean Engineering. A knowledge of advanced calculus is assumed. Students will find a previous introductory course in fluid dynamics helpful, but the book presents the necessary fundamentals in a self-contained manner. The 40th anniversary of this pioneering book offers a foreword by John Grue. Contents Model Testing • The Motion of a Viscous Fluid • The Motion of an Ideal Fluid • Lifting Surfaces • Waves and Wave Effects • Hydrodynamics of Slender Bodies

Engineering Mechanics

New Age International This Is A Comprehensive Book Meeting Complete Requirements Of Engineering Mechanics Course Of Undergraduate Syllabus. Emphasis Has Been Laid On Drawing Correct Free Body Diagrams And Then Applying Laws Of Mechanics. Standard Notations Are Used Throughout And Important Points Are Stressed. All Problems Are Solved Systematically, So That The Correct Method Of Answering Is Illustrated Clearly. Care Has Been Taken To See That Students Learn The Methods Which Help Them Not Only In This Course, But Also In The Connected

Courses Of Higher Classes.The Dynamics Part Is Split In To Sufficient Number Of Chapters To Clearly Illustrate Linear Motion To General Plane Motion. A Chapter On Shear Force And Bending Moment Diagrams Is Added At The End To Coyer The Syllabi Of Various Universities.All These Feature Make This Book A Self-Sufficient And A Good Text Book.

MCAT Practice Test

Macmillan A real printed MCAT exam for practice test-taking.

Tancet MCA

Sura Books

Cognitive and Soft Computing Techniques for the Analysis of Healthcare Data

Academic Press Cognitive and Soft Computing Techniques for the Analysis of Healthcare Data discusses the insight of data processing applications in various domains through soft computing techniques and enormous advancements in the field. The book focuses on the cross-disciplinary mechanisms and ground-breaking research ideas on novel techniques and data processing approaches in handling structured and unstructured healthcare data. It also gives insight into various information-processing models and many memories associated with it while processing the information for forecasting future trends and decision making. This book is an excellent resource for researchers and professionals who work in the Healthcare Industry, Data Science, and Machine learning. Focuses on data-centric operations in the Healthcare industry Provides the latest trends in healthcare data analytics and practical implementation outcomes of the proposed models Addresses real-time challenges and case studies in the Healthcare industry

Electrical Machines

Pearson Education India

Official TOEFL iBT® Tests

McGraw-Hill Education Five more authentic TOEFL iBT® tests in print and on DVD-ROM -- from ETS, the makers of the test! This book contains five actual retired TOEFL® test forms with authentic reading, listening, speaking, and writing questions. Each form includes an Answer Key, sample responses for Speaking and Writing questions, and complete audio scripts. The TOEFL® test is the most respected English-language proficiency exam accepted by colleges, universities, and agencies around the world. The accompanying DVD-ROM provides interactive, computer-delivered versions of all five tests, plus separate audio tracks for all listening sections for readers who are working with the print version. Includes: Over 300 real TOEFL® questions from the test makers Real TOEFL® essay-writing prompts Sample responses for Speaking and Writing questions Computerized, interactive tests on DVD-ROM For even more practice, look out for McGraw-Hill Education's Official TOEFL iBT Tests, Volume 1, which contains five additional real past TOEFL tests. About the Authors At Educational Testing Service (ETS; Princeton, NJ) we advance quality and equity in education for people worldwide by creating assessments based on rigorous research. ETS serves individuals, educational institutions, and government agencies by providing customized solutions for teacher certification, English language learning, and elementary, secondary, and postsecondary education, and by conducting education research, analysis, and policy studies. Founded as a non-profit in 1947, ETS develops, administers, and scores more than 50 million tests annually—including the TOEFL® and TOEIC® tests, the GRE® tests, and the Praxis® assessments—in more than 180 countries, at over 9,000 locations worldwide.

Fundamentals of Software Engineering

PHI Learning Pvt. Ltd.

Who's Who in Science and Engineering 2008-2009

Marquis Whos Who

Business Intelligence for Enterprise Internet of Things

Springer Nature This book discusses Internet of Things (IoT) as it relates to enterprise applications, systems, and infrastructures. The authors discuss IoT and how it's disrupting industries such as enterprise manufacturing, enterprise transportation, enterprise smart market, enterprise utilities, and enterprise healthcare. They cover how IoT in the enterprise will have a major impact on the lives of consumers and professionals around the world and how it will change the way we think about professional and consumer networks. The book's topics include IoT enterprise system architecture, IoT enabling enterprise technologies, and IoT enterprise services and applications. Examples include enterprise on demand, market impacts, and implications on smart technologies, big data enterprise management, and future enterprise Internet design for various IoT use cases, such as share markets, healthcare, smart cities, smart environments, smart communications and smart homes.

Fields, Forces, and Flows in Biological Systems

Garland Science Fields, Forces, and Flows in Biological Systems describes the fundamental driving forces for mass transport, electric current, and fluid flow as they apply to the biology and biophysics of molecules, cells, tissues, and organs. Basic mathematical and engineering tools are presented in the context of biology and physiology.The chapters are structure

SAT Prep Plus 2021

5 Practice Tests + Proven Strategies + Online

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Elements of Robotics

Springer This open access book bridges the gap between playing with robots in school and studying robotics at the upper undergraduate and graduate levels to prepare for careers in industry and research. Robotic algorithms are presented formally, but using only mathematics known by high-school and first-year college students, such as calculus, matrices and probability. Concepts and algorithms are explained through detailed diagrams and calculations. Elements of Robotics presents an overview of different types of robots and the components used to build robots, but focuses on robotic algorithms: simple algorithms like odometry and feedback control, as well as algorithms for advanced topics like localization, mapping, image processing, machine learning and swarm robotics. These algorithms are demonstrated in simplified contexts that enable detailed computations to be performed and feasible activities to be posed. Students who study these simplified demonstrations will be well prepared for advanced study of robotics. The algorithms are presented at a relatively abstract level, not tied to any specific robot. Instead a generic robot is defined that uses elements common to most educational robots: differential drive with two motors, proximity sensors and some method of displaying output to the user. The theory is supplemented with over 100 activities, most of which can be successfully implemented using inexpensive educational robots. Activities that require more computation can be programmed on a computer. Archives are available with suggested implementations for the Thymio robot and standalone programs in Python.

Smart Trends in Systems, Security and Sustainability

Proceedings of WS4 2017

Springer The volume deals with sustainability transitions which are transformations of major socio-technical systems of provision and use in areas such as energy, water, mobility, and food, towards more sustainable ways of production and consumption. The book provides insights of World Conference on Smart Trends in Systems, Security and Sustainability (WS4 2017) which is divided into different sections such as Smart IT Infrastructure for Sustainable Society; Smart Management prospective for Sustainable Society; Smart Secure Systems for Next Generation Technologies; Smart Trends for Computational Graphics and Image Modelling; and Smart Trends for Biomedical and Health Informatics. The book volume contains 31 high-quality papers presented at WS4 2017.

Artificial Intelligence and Robotics

Springer Nature This book provides insights into research in the field of artificial intelligence in combination with robotics technologies. The integration of artificial intelligence and robotic technologies is a highly topical area for researchers and developers from academia and industry around the globe, and it is likely that artificial intelligence will become the main approach for the next generation of robotics research. The tremendous number of artificial intelligence algorithms and big data solutions has significantly extended the range of potential applications for robotic technologies, and has also brought new challenges for the artificial intelligence community. Sharing recent advances in the field, the book features papers by young researchers presented at the 4th International Symposium on Artificial Intelligence and Robotics 2019 (ISAIR2019), held in Daegu, Korea, on August 20–24, 2019.

Data Interpretation & Data Sufficiency

Arihant Publications India limited

Advances in Computer, Communication and Computational Sciences

Proceedings of IC4S 2019

Springer Nature This book discusses recent advances in computer and computational sciences from upcoming researchers and leading academics around the globe. It presents high-quality, peer-reviewed papers presented at the International Conference on Computer, Communication and Computational Sciences (IC4S 2019), which was held on 11—12 October 2019 in Bangkok. Covering a broad range of topics, including intelligent hardware and software design, advanced communications, intelligent computing techniques, intelligent image processing, the Web and informatics, it offers readers from the computer industry and academia key insights into how the advances in next-generation computer and communication technologies can be shaped into real-life applications.

Mechanical Engineering (objective Type).

Kinematics and Dynamics of Machinery

This book covers the kinematics and dynamics of machinery topics. It emphasizes the synthesis and design aspects and the use of computer-aided engineering. A sincere attempt has been made to convey the art of the design process to students in order to prepare them to cope with real engineering problems in practice. This book provides up-to-date methods and techniques for analysis and synthesis that take full advantage of the graphics microcomputer by emphasizing design as well as analysis. In addition, it details a more complete, modern, and thorough treatment of cam design than existing texts in print on the subject. The author's website at www.designofmachinery.com has updates, the author's computer programs and the author's PowerPoint lectures exclusively for professors who adopt the book. Features Student-friendly computer programs written for the design and analysis of mechanisms and

machines. Downloadable computer programs from website Unstructured, realistic design problems and solutions

Product Design and Manufacturing

Trans Tech Publications Ltd The papers in this book were the object of strict peer-review, and cover the latest advances in, and applications of, advanced design technology, CAD/CAM/CAE, mechanical dynamics, friction and wear and advanced manufacturing technologies.

Indoor Sports Spaces

Assistant Mechanical Engineer

National Learning Corporation The Assistant Mechanical Engineer Passbook(R) prepares you for your test by allowing you to take practice exams in the subjects you need to study.

Big Data Analytics - a Practical Approach

Walnut Publication The book is organized in such a way that it covers the practical approaches and syllabus of Big Data Analytics prescribed by different universities and colleges for B.Tech./BE (Data Science), M.Tech./ME (Data Science), MSc. (Big Data Analytics), B.Tech (CSE), B.Tech (IT) and all other branches related to Big Data, ML and AI. This book offers a deep understanding of the essential practical concept of Big Data Analytics, including Hadoop, Spark and Tableau. This book is primarily designed to introduce some of the fundamental concepts with practical approaches of Big Data Analytics for undergraduate and postgraduate students in Data Science, CSE, and IT. The concepts in each chapter are explained coherently and unequivocally. Hence it enables the students to gain knowledge in the practical field of Big Data concepts with ease.

GATE 2022 Computer Science and Information Technology - Guide

Gk Publications GKP's prep Series: GATE 2022: Computer Science & Information Technology is prepared by renowned faculties who are subject matter experts, is your best bet to be GATE ready! The entire book has been revised and updated as per the latest exam syllabus. It is divided into units, chapters and further segmented into topics. The topic-wise analysis of the previous Year's papers and the weightage of each topic is given in each chapter, the questions given in the units have detailed answers, supported by in-depth explanations and diagrams. The book also includes well-explained sections on General Aptitude and Engineering Mathematics other than all the subjects of Computer Science and Information Technology. It also includes more than 3100+ MCQs and NTQ's, last two years GATE solved papers of 2020 and 2021. Additionally, students can avail GATE previous year solved papers from 2015-2019 online from GK Publication's website. Salient Features: Comprehensive theory with concepts 3100+ MCQs 3 full-length mock tests Ample questions supplemented with solutions and diagrams Thoroughly revised and updated as per new syllabus 75% off for all online GATE test series+ video lectures+ material (e-books) 2022 & 2023

Mobile and Wireless Network Security and Privacy

Springer Science & Business Media This book brings together a number of papers that represent seminal contributions underlying mobile and wireless network security and privacy. It provides a foundation for implementation and standardization as well as further research. The diverse topics and protocols described in this book give the reader a good idea of the current state-of-the-art technologies in mobile and wireless network security and privacy.

How to Prepare for Quantitative Aptitude for the CAT, 5e