

B N Dutta Estimating And Costing In Civil Engineering

Estimating and Costing in Civil Engineering A Textbook of Estimating , Costing & Accounts (Civil) Construction Planning And Management Numerical Methods for Linear Control Systems Estimating and Costing for Interior Designers Viscosity of Liquids Estimating Costing Specification And Valuation In Civil Engineering Reliability and Risk Analysis in Engineering and Medicine Quantum Inspired Computational Intelligence Statistics and Operations Research – A Unified Approach Statistical Techniques for Forensic Accounting Fundamentals of Biostatistics Handbook of Probabilistic Models MATERIALS MANAGEMENT International Handbook of Development Economics Strategies and Games Environmental Treatment Technologies for Municipal, Industrial and Medical Wastes The Development Dilemma Estimating in Heavy Construction Textbook Of Engineering Mathematics Vol. Ii Time Matters Digital Image Processing and Analysis Principles of Signal Detection and Parameter Estimation Topics in Contemporary Mathematical Analysis and Applications Spatial Modeling in Forest Resources Management Ancient Ballads and Legends of Hindustan Plant Image Analysis Realistic Cost Estimating for Manufacturing Wave Optics On-Chip Communication Architectures The Gorakhpur Hospital Tragedy Global Innovation Index 2020 DC Dutta's Textbook of Gynecology DC Dutta's Textbook of Gynecology Process Planning and Cost Estimation Civil Engineering Estimating & Costing Endlessly Green Higher Education in India Evolution in Action: Past, Present and Future DC Dutta's Textbook of Obstetrics

As recognized, adventure as well as experience nearly lesson, amusement, as well as bargain can be gotten by just checking out a book **B N Dutta Estimating And Costing In Civil Engineering** next it is not directly done, you could take even more in relation to this life, with reference to the world.

We manage to pay for you this proper as with ease as simple mannerism to get those all. We give B N Dutta Estimating And Costing In Civil Engineering and numerous books collections from fictions to scientific research in any way. along with them is this B N Dutta Estimating And Costing In Civil Engineering that can be your partner.

Digital Image Processing and Analysis Jan 14 2021 A NATO advanced Study Institute took place at Bonas from June 14th to June 25th 1976 on "Digital Image Processing and Analysis". This book is the lasting result of a successful meeting, where the best specialists of the field could exchange their ideas and results. The papers are arranged so as to present first the more general and tutorial articles and then the more specific ones on applications. The general topics cover two dimensional transforms, techniques of image restoration, recursive filters, segmentation and analysis of image parts, some points of view from psychology and physiology, and problems of software and processing. The application fields concerned are remote sensing, medical applications, TV image compression, and optical character recognition. The editors wish to thank the Scientific Affairs Division of NATO for the edition of this book. Acknowledgment: This ASI has been made possible by the financial support of the NATO Scientific Affairs Division and D. R. M. E. and the material support of IRIA and the Institut de Programmation. VII TABLE OF CONTENTS William K. Pratt Two dimensional unitary transforms 1 T. S. Huang Two-dimensional Fourier transform 23 T. S. Huang Algebraic methods of image restoration 41 S. Castan Image enhancement and restoration 47 T. S. Huang Film grain noise 63 K. G. Beauchamp Two-dimensional recursive digital filtering 69 S. Attasi A new approach to 2D-recursive filtering 81 V. Cappellini Some efficient two-dimensional recursive digital filters 87 T. S. Durrani and C. E.

Endlessly Green Sep 29 2019 Endlessly Green looks at the history, the science and the art of composting and sustainable waste management through a kaleidoscope of philosophical, moral and ethical intricacies. The author digs into her rich pool of experiential learnings and raw inputs gathered through a decade of research, legwork and fearless execution. This engaging field guide equips community volunteers, activists, students, SWM practitioners and professionals with practical inputs on segregation, composting and organic gardening/farming, making sustainability imaginable in a concrete jungle. In doing so, it helps individuals discover the possibilities of bringing about a change in their environment by engaging their own environmental sensibilities. Endlessly Green is an extraordinary celebration of things small and significant and the fight against waste, culminating in a replicable and scalable end-to-end solution.

Textbook Of Engineering Mathematics Vol. Ii Mar 16 2021 Designed For The Core Course On The Subject, This Book Presents A Detailed Yet Simple Treatment Of The Fundamental Principles Involved In Engineering Mathematics. All Basic Concepts Have Been Comprehensively Explained And Exhaustively Illustrated Through A Variety Of Solved Examples. A Step-By-Step Approach Has Been Followed Throughout The Book. Unsolved Problems, Objective And Review Questions Alongwith Short Answer Questions Have Also Been Included For A Thorough Grasp Of The Subject. The Book Would Serve As An Excellent Text For Undergraduate Engineering And Diploma Students Of All Disciplines. Amie Candidates Would Also Find It Very Useful.

Ancient Ballads and Legends of Hindustan Sep 09 2020

Environmental Treatment Technologies for Municipal, Industrial and Medical Wastes Jun 18 2021 Environmental Treatment Technologies for Municipal, Industrial and Medical Wastes will provide the reader with a simple and clear path to analyze the full range of options to manage/treat any solid, hazardous, or medical waste problems/issues at hand. This book aims to disseminate information on available remediation treatment technologies to developing and developed countries. It also includes adequate information on all available treatment technologies for different types and categories of waste (hazardous, non-hazardous municipal solid waste, and medical waste). The technologies are grouped into the following categories: Containment technology; Soil washing; Thermal treatment; Vapor extraction; Bioremediation including Phytoremediation; Plasma/Incineration; Other Physical/Chemical treatments. It enlightens the effect of emissions during remediation activities on climate change and suggests measures to identify and control such emissions. It also covers the application of remote sensing technologies with examples and the impending issues of proper disinfection and disposal of COVID-19 related waste pertaining to the current pandemic. It is intended for almost anyone — ranging from college students and early career professionals interested in environmental pollution control, to graduate students, researchers and experienced professionals. This book will: cover several recent developments on various treatment technologies, including in situ applications and their emission/migration control methods including remote sensing technologies; deal with municipal solid waste, their treatment/disposal methods, recycling, and reuse in addition to the hazardous and medical waste management program; assist civil/environmental engineering students and local community organizations in evaluating the impact of an industry and its associated waste produced on-site; and cover how best to treat/manage the waste to arrive at a safe operation without impacting human health and the local environment.

DC Dutta's Textbook of Gynecology Feb 01 2020 Fully revised, new edition presenting latest developments in gynaecology. Includes numerous graphics and diagrams and an interactive DVD ROM. Previous edition published in 2007.

Estimating and Costing for Interior Designers Jun 30 2022

Strategies and Games Jul 20 2021 Game theory has become increasingly popular among undergraduate as well as business school students. This text is the first to provide both a complete theoretical treatment of the subject and a variety of real-world applications, primarily in economics, but also in business, political science, and the law. Game theory has become increasingly popular among undergraduate as well as business school students. This text is the first to provide both a complete theoretical treatment of the subject and a variety of real-world applications, primarily in economics, but also in business, political science, and the law. Strategies and Games grew out of Prajit Dutta's experience teaching a course in game theory over the last six years at Columbia University. The book is divided into three parts: Strategic Form Games and Their Applications, Extensive Form Games and Their Applications, and Asymmetric Information Games and Their Applications. The theoretical topics include dominance solutions, Nash equilibrium, backward induction, subgame perfect equilibrium, repeated games, dynamic games, Bayes-Nash equilibrium, mechanism design, auction theory, and signaling. An appendix presents a thorough discussion of single-agent decision theory, as well as the optimization and probability theory required for the course. Every chapter that introduces a new theoretical concept opens with examples and ends with a case study. Case studies include Global Warming and the Internet, Poison Pills, Treasury Bill Auctions, and Final Jeopardy. Each part of the book also contains several chapter-length applications including Bankruptcy Law, the NASDAQ market, OPEC, and the Commons problem. This is also the first text to provide a detailed analysis of dynamic strategic interaction.

Civil Engineering Estimating & Costing Oct 30 2019

Construction Planning And Management Sep 02 2022 In A Single Volume, This Book Presents A Comprehensive Account Of The Subject Matter For Construction Planning And Management. Each Chapter Is Preceded By Instructional Objectives In Order To Promote Well-Defined Study. References To Related Indian Standard Codes Of Practice Are Included. Numerous Questions And Solved Examples Along With Various Illustrations, Graphs And Tables Facilitate Clarity In Understanding The Subject An Immensely Useful Work For Students Of Civil Engineering In Polytechnics And Engineering Colleges.

Estimating in Heavy Construction Apr 16 2021 This book presents the theoretical background as well as best practice examples of estimating in heavy construction. The examples stem from practitioners in international large-scale construction projects. As distinct from other publications on estimating, this book presents specific numbers and costs are calculated precisely. In this way the book helps to avoid errors in the estimating of construction projects like roads, bridges, tunnels, and foundations.

Spatial Modeling in Forest Resources Management Oct 11 2020 This book demonstrates the measurement, monitoring, mapping, and modeling of forest resources. It explores state-of-the-art techniques based on open-source software & R statistical programming and modeling specifically, with a focus on the recent trends in data mining/machine learning techniques and robust modeling in forest resources. Discusses major topics such as forest health assessment, estimating forest biomass & carbon stock, land use forest cover (LUFC), dynamic vegetation modeling (DVM) approaches, forest-based rural livelihood, habitat suitability analysis, biodiversity and ecology, and biodiversity, the book presents novel advances and applications of RS-GIS and R in a precise and clear manner. By offering insights into various concepts and their importance for real-world applications, it equips researchers, professionals, and policy-makers with the knowledge and skills to tackle a wide range of issues related to geographic data, including those with scientific, societal, and environmental implications.

Evolution in Action: Past, Present and Future Jul 28 2019 This edited research monograph brings together contributions from computer scientists, biologists, and engineers who are engaged with the study of evolution and how it may be applied to solve real-world problems. It also serves as a Festschrift dedicated to Erik D. Goodman, the founding director of the BEACON Center for the Study of Evolution in Action, a pioneering NSF Science and Technology Center headquartered at Michigan State University. The contributing authors are leading experts associated with the center, and they serve in top research and industrial establishments across the US and worldwide. Part I summarizes the history of the BEACON Center, with refreshingly personal chapters that describe Erik's working and leadership style, and others that discuss the development and successes of the center in the context of research funding, projects, and careers. The chapters in Part II deal with the evolution of genomes and evolvability. The contributions in Part III discuss the evolution of behavior and intelligence. Those in Part IV concentrate on the evolution of communities and collective dynamics. The chapters in Part V discuss selected evolutionary computing applications in domains such as arts and science, automated program repair, cybersecurity, mechatronics, and genomic prediction. Part VI deals with evolution in the classroom, using creativity in research, and responsible conduct in research training. The book concludes with a special chapter from Erik Goodman, a short biography that concentrates on his personal positive influences and experiences throughout his long career in academia and industry.

Numerical Methods for Linear Control Systems Aug 01 2022 Numerical Methods for Linear Control Systems Design and Analysis is an interdisciplinary textbook aimed at systematic descriptions and implementations of numerically-viable algorithms based on well-established, efficient and stable modern numerical linear techniques for mathematical problems arising in the design and analysis of linear control systems both for the first- and second-order models. Unique coverage of modern mathematical concepts such as parallel computations, second-order systems, and large-scale solutions Background material in linear algebra, numerical linear algebra, and control theory included in text Step-by-step explanations of the algorithms and examples

Quantum Inspired Computational Intelligence Feb 24 2022 Quantum Inspired Computational Intelligence: Research and Applications explores the latest quantum computational intelligence approaches, initiatives, and applications in computing, engineering, science, and business. The book explores this emerging field of research that applies principles of quantum mechanics to develop

more efficient and robust intelligent systems. Conventional computational intelligence—or soft computing—is conjoined with quantum computing to achieve this objective. The models covered can be applied to any endeavor which handles complex and meaningful information. Brings together quantum computing with computational intelligence to achieve enhanced performance and robust solutions Includes numerous case studies, tools, and technologies to apply the concepts to real world practice Provides the missing link between the research and practice

On-Chip Communication Architectures May 06 2020 Over the past decade, system-on-chip (SoC) designs have evolved to address the ever increasing complexity of applications, fueled by the era of digital convergence. Improvements in process technology have effectively shrunk board-level components so they can be integrated on a single chip. New on-chip communication architectures have been designed to support all inter-component communication in a SoC design. These communication architecture fabrics have a critical impact on the power consumption, performance, cost and design cycle time of modern SoC designs. As application complexity strains the communication backbone of SoC designs, academic and industrial R&D efforts and dollars are increasingly focused on communication architecture design. On-Chip Communication Architectures is a comprehensive reference on concepts, research and trends in on-chip communication architecture design. It will provide readers with a comprehensive survey, not available elsewhere, of all current standards for on-chip communication architectures. A definitive guide to on-chip communication architectures, explaining key concepts, surveying research efforts and predicting future trends Detailed analysis of all popular standards for on-chip communication architectures Comprehensive survey of all research on communication architectures, covering a wide range of topics relevant to this area, spanning the past several years, and up to date with the most current research efforts Future trends that will have a significant impact on research and design of communication architectures over the next several years

A Textbook of Estimating , Costing & Accounts (Civil) Oct 03 2022 The book is written in simple language and self explanatory, reflects the image of the author's long experience in field and teaching as well. The new edition of the book is a composite unit, complete in itself. The presentation of the matter is simple and excellent.

Global Innovation Index 2020 Mar 04 2020 The Global Innovation Index 2020 provides detailed metrics about the innovation performance of 131 countries and economies around the world. Its 80 indicators explore a broad vision of innovation, including political environment, education, infrastructure and business sophistication. The 2020 edition sheds light on the state of innovation financing by investigating the evolution of financing mechanisms for entrepreneurs and other innovators, and by pointing to progress and remaining challenges – including in the context of the economic slowdown induced by the coronavirus disease (COVID-19) crisis.

The Gorakhpur Hospital Tragedy Apr 04 2020 A HARROWING MEDICAL CRISIS. A DOCTOR IN THE EYE OF THE STORM. HIS ACCOUNT OF WHAT REALLY HAPPENED. On the evening of 10 August 2017, liquid oxygen ran out at the state-run Baba Raghav Das Medical College's Nehru Hospital in Gorakhpur, Uttar Pradesh. Reportedly, over the next two days, more than eighty patients – sixty-three children and eighteen adults – lost their lives. In the intervening hours, Dr Kafeel Khan, the junior-most lecturer at the college's paediatrics department, went to extraordinary lengths to secure oxygen cylinders, perform emergency treatment and rally the staff in order to prevent as many deaths as possible. As the news of the tragedy grabbed national attention, Khan was called a hero for working ceaselessly to control the crisis and drawing attention to a healthcare system in dire need of repair. But a few days later, he found himself suspended and that an FIR had been filed against nine individuals, including him, for corruption and medical negligence, among other grave charges. Soon after he was summarily carted off to jail. The Gorakhpur Hospital Tragedy is Kafeel Khan's first-hand chronicle of the events of that fateful night in August 2017 and the gut-wrenching turmoil that followed – a suspension without end, an eight-month-long incarceration and a relentless fight for justice in the face of extreme apathy and persecution.

Estimating and Costing in Civil Engineering Nov 04 2022

DC Dutta's Textbook of Obstetrics Jun 26 2019 This ninth edition has been fully revised to provide clinicians and trainees with the latest information and developments in the field of obstetrics. Beginning with discussion on female reproductive anatomy, physiological changes in pregnancy, the foetus, placenta and foetal membranes, the following chapters explain antenatal care and normal labour. The following sections cover the diagnosis and management of numerous disorders and complications that may occur during pregnancy and in labour. A complete chapter is dedicated to imaging, amniocentesis and clinical tests, and the final section presents photographs of instruments, specimens, sonograms, MR images, and drugs. The book provides guidelines from different professional and academic organisations including RCOG, ACOG, WHO, FIGO, NICHD, CDC, and NICE. Summary tables, algorithms, boxes, flowcharts and 'key points' are given in each chapter to assist revision. Key points Fully revised, new edition presenting latest developments in the field of obstetrics Highly illustrated with clinical photographs and learning tools Provides guidelines from various professional and academic organisations Previous edition (9789351527237) published in 2015

Viscosity of Liquids May 30 2022 This book is unique in that it brings together published viscosity data, experimental methods, theoretical, correlation and predictive procedures in a single volume. The readers will get a better understanding of why various methods are used for measuring viscosity of different types of liquids and why an experimental method is dependent on fluid characteristics, such as Newtonian or non-Newtonian fluids.

Statistics and Operations Research – A Unified Approach Jan 26 2022

International Handbook of Development Economics Aug 21 2021 The essays are concise, yet comprehensive, and each essay contains a substantial set of references, which an interested researcher or student could follow up. . . In addition to representing multidisciplinary interactions, this collection encompasses several different perspectives within development economics, so the reader can learn, for example, both about neoclassical approaches and dependency theories in the same volume. This makes the collection unique and all the more valuable. . . This is a very good reference collection, as the individual essays are informative and provide a good overall perspective on the topic that they set out to address. The extensive bibliography at the end of each essay adds further value to this collection. Ashwini Deshpande, Economic and Political Weekly These new volumes impress along two dimensions. First, they highlight important connections between economic development and variables such as culture, warfare, and ethnicity, which are sometimes ignored by mainstream economists. Second, they analyze the economic development experience of different regions such as Africa, Latin America, and East Asia. . . a valuable reference for scholars and practitioners in the field. Highly recommended. H.A. Faruq, Choice This two-volume original reference work provides a comprehensive overview of development economics and comprises contributions by some of the leading scholars working in the field. Authors are drawn from around the world and write on a wide range of topics. After providing an introduction to the subject (by examining issues like the meaning and measurement of development, historical and interdisciplinary approaches, empirical regularities and data problems), the contributors provide a wealth of perspectives on, and analyses of, development economics. They discuss alternative approaches to development, the macroeconomics of growth, factors and sources of economic development (such as capital, labor, entrepreneurship, resources and technology), major sectors of concern (such as agriculture, industry, services and the informal sector) and international issues (such as trade, capital and labor flows and technology transfers). Income distribution and poverty, the state and other institutions, and actual development experiences are explored. The contributors provide analytical contributions, as well as the relation between these contributions and real world and policy issues from a variety of alternative perspectives. Scholars, students, policymakers and other development practitioners will all find this comprehensive reference invaluable.

Plant Image Analysis Aug 09 2020 The application of imaging techniques in plant and agricultural sciences had previously been confined to images obtained through remote sensing techniques. Technological advancements now allow image analysis for the nondestructive and objective evaluation of biological objects. This has opened a new window in the field of plant science. Plant Image

DC Dutta's Textbook of Gynecology Jan 02 2020 New edition providing comprehensive overview of diagnosis and management of gynaecological disorders. Accompanying DVD ROM demonstrates surgical techniques. Also includes OSCE questions and answers. Previous edition published in 2014.

Higher Education in India Aug 28 2019 This volume puts together the latest available information on higher education in India at a single location. While higher education is an extremely dynamic segment in India's education sector, yet a host of issues related to a lack of a good and comprehensive monitoring system have prevented the regular publishing of data on this sector. Data does exist, but it tends to be infrequently published, dated, not comparable and many times of poor quality. The authors present here the most appropriate data that is credible, from government or associated data sources. This compendium of data simplifies for the reader, the gamut of issues that must be kept in mind, before interpreting the data on higher education. This book will be of immense use and interest to educationists, policy-makers and student of varied disciplines including economics and demographics. Please note: Taylor & Francis does not sell or distribute the Hardback in India, Pakistan, Nepal, Bhutan, Bangladesh and Sri Lanka

Estimating Costing Specification And Valuation In Civil Engineering Apr 28 2022

Statistical Techniques for Forensic Accounting Dec 25 2021 Fraud or misrepresentation often creates patterns of error within complex financial data. The discipline of statistics has developed sophisticated techniques and well-accepted tools for uncovering these patterns and demonstrating that they are the result of deliberate malfeasance. Statistical Techniques for Forensic Accounting is the first comprehensive guide to these tools and techniques: understanding their mathematical underpinnings, using them properly, and effectively communicating findings to non-experts. Dr. Saurav Dutta, one of the field's leading experts, has been engaged as an expert in many of the world's highest-profile fraud cases, including Worldcom, Global Crossing, Cendant, and HealthSouth. Now, he covers everything forensic accountants, auditors, investigators, and litigators need to know to use these tools and interpret others' use of them. Coverage includes: Exploratory data analysis: identifying the "Fraud Triangle" and other red flags Data mining: tools, usage, and limitations Traditional statistical terms and methods applicable to forensic accounting Uncertainty and probability theories and their forensic implications Bayesian analysis and networks Statistical inference, sampling, sample size, estimation, regression, correlation, classification, and prediction How to construct and conduct valid and defensible statistical tests How to articulate and effectively communicate findings to other interested and knowledgeable parties

Handbook of Probabilistic Models Oct 23 2021 Handbook of Probabilistic Models carefully examines the application of advanced probabilistic models in conventional engineering fields. In this comprehensive handbook, practitioners, researchers and scientists will find detailed explanations of technical concepts, applications of the proposed methods, and the respective scientific approaches needed to solve the problem. This book provides an interdisciplinary approach that creates advanced probabilistic models for engineering fields, ranging from conventional fields of mechanical engineering and civil engineering, to electronics, electrical, earth sciences, climate, agriculture, water resource, mathematical sciences and computer sciences. Specific topics covered include minimax probability machine regression, stochastic finite element method, relevance vector machine, logistic regression, Monte Carlo simulations, random matrix, Gaussian process regression, Kalman filter, stochastic optimization, maximum likelihood, Bayesian inference, Bayesian update, kriging, copula-statistical models, and more. Explains the application of advanced probabilistic models encompassing multidisciplinary research Applies probabilistic modeling to emerging areas in engineering Provides an interdisciplinary approach to probabilistic models and their applications, thus solving a wide range of practical problems

The Development Dilemma May 18 2021

MATERIALS MANAGEMENT Sep 21 2021 Materials Management has undergone a sea change in recent years because of its vast possibilities to contribute towards the corporate goals of productivity, profitability and growth. To keep abreast of the changes and emerging trends in the field of Materials Management, this New Edition has been thoroughly revised and updated with the latest procedures and theories. Divided into five parts, the text gives exhaustive coverage to the operational details of stores and purchases, standardization and quality control, value analysis and value engineering as well as the legal aspects of purchasing and the technicalities of warehousing. A great amount of new material and some new chapters have been incorporated in the text to suit the particular needs of students of management courses of the Indian universities.

Reliability and Risk Analysis in Engineering and Medicine Mar 28 2022 This graduate textbook imparts the fundamentals of reliability and risk that can be connected mathematically and applied to problems in engineering and medical science and practice. The book is divided into eight chapters, the first three of which deal with basic fundamentals of probability theory and reliability methods. The fourth chapter illustrates simulation methods needed to solve complex problems. Chapters 5-7 explain reliability codes and system reliability (which uses the component reliabilities discussed in previous chapters). The book concludes in chapter 8 with an examination of applications of reliability within engineering and medical fields. Presenting a highly relevant competency for graduates entering product research and development, or facilities operations sectors, this text includes many examples and end of chapter study questions to maximize student comprehension. Explains concepts of reliability and risk estimation techniques in the context of medicine and engineering; Elucidates the interplay between reliability and risk from design to operation phases; Uses real world examples from engineering structures and medical devices and protocols; Adopts a lucid yet rigorous presentation of reliability and risk calculations; Reinforces students understanding of concepts covered with end-of-chapter exercises.

Topics in Contemporary Mathematical Analysis and Applications Nov 11 2020 Topics in Contemporary Mathematical Analysis and Applications encompasses several contemporary topics in the field of mathematical analysis, their applications, and relevancies in other areas of research and study. The readers will find developments concerning the topics presented to a reasonable extent with various new problems for further study. Each chapter carefully presents the related problems and issues, methods of solutions, and their possible applications or relevancies in other scientific areas.

Aims at enriching the understanding of methods, problems, and applications Offers an understanding of research problems by presenting the necessary developments in reasonable details Discusses applications and uses of operator theory, fixed-point theory, inequalities, bi-univalent functions, functional equations, and scalar-objective programming, and presents various associated problems and ways to solve such problems This book is written for individual researchers, educators, students, and department libraries.

Fundamentals of Biostatistics Nov 23 2021 Bernard Rosner's FUNDAMENTALS OF BIOSTATISTICS is a practical introduction to the methods, techniques, and computation of statistics with human subjects. It prepares students for their future courses and careers by introducing the statistical methods most often used in medical literature. Rosner minimizes the amount of mathematical formulation (algebra-based) while still giving complete explanations of all the important concepts. As in previous editions, a major strength of this book is that every new concept is developed systematically through completely worked out examples from current medical research problems. Most methods are illustrated with specific instructions as to implementation using software either from SAS, Stata, R, Excel or Minitab. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Process Planning and Cost Estimation Dec 01 2019

Realistic Cost Estimating for Manufacturing Jul 08 2020 This book contains material on the use of software, organization strategies in cost estimating, new types of costs, learning curves, and much more. Topics presented include manufacturing costs, standard vs. actual costs, cost in relation to product volume, analysis, types of estimates, cost estimating controls, cost requests from other departments, evaluating supplier quotes, calculating selling prices, and much more.

Wave Optics Jun 06 2020 Wave Optics: Basic Concepts and Contemporary Trends combines classical optics with some of the latest developments in the field to provide readers with an appreciation and understanding of advanced research topics. Requiring only a basic knowledge of electromagnetic theory and mathematics, this book: Covers the fundamentals of wave optics, such as oscillations, scalar and vector waves, reflection and refraction, polarization, interference and diffraction, and rays and beams Focuses on concepts related to advances in negative materials and superresolution, reflectionless potentials, plasmonics, spin-orbit interaction, optical tweezers, Pendry lensing, and more Includes MATLAB® codes for specific research problems, offering readers a behind-the-scenes look at the computational practices as well as an opportunity to extend the research Drawing parallels with corresponding quantum problems whenever possible to broaden the horizon and outlook, Wave Optics: Basic Concepts and Contemporary Trends gives readers a taste of what is happening in modern optics today and shows why wave optics remains one of the most interesting and challenging areas of physics.

Principles of Signal Detection and Parameter Estimation Dec 13 2020 This textbook provides a comprehensive and current understanding of signal detection and estimation, including problems and solutions for each chapter. Signal detection plays an important role in fields such as radar, sonar, digital communications, image processing, and failure detection. The book explores both Gaussian detection and detection of Markov chains, presenting a unified treatment of coding and modulation topics. Addresses asymptotic of tests with the theory of large deviations, and robust detection. This text is appropriate for students of Electrical Engineering in graduate courses in Signal Detection and Estimation.

Time Matters Feb 12 2021 Time Matters is a practical resource to help children and young people learn about time. Time is usually taught through the Primary school years, teachers working in Secondary schools have been very surprised to discover these gaps in students understanding of calendar time, having assumed that these skills have been acquired at an earlier age. This practical resource: - Helps to teach the essential skills needed to carry out a range of time-related concepts e.g. telling the time on a clock. - Can be used by older children, young people and adults who have learned some of the key concepts but need more in-depth knowledge, further practice, or opportunities to practise skills in a functional way. - Includes case studies and the rationale for working on different aspects of time, teaching worksheets and also practical strategies and activities to develop life skills which affect us all e.g. making and keeping appointments, travelling, using calendars and diaries etc. - Can be used in a range of settings including: Education, Health and Social Care.