

Cbcs Results 2nd Sem

Principles of Macroeconomics is a lucid and concise introduction to the theoretical and practical aspects of macroeconomics. This revised and updated third edition covers key macroeconomic issues such as national income, investment, inflation, balance of payments, monetary and fiscal policies, economic growth and banking system. This book also explains the role of the government in guiding the economy along the path of stable prices, low unemployment, sustainable growth, and planned development through many India-centric examples. Special attention has been given to macroeconomic management in a country linked to the global economy. This reader-friendly book presents a wide coverage of relevant themes, updated statistics, chapter-end exercises, and summary points modelled on the Indian context. It will serve as an indispensable introductory resource for students and teachers of macroeconomics.

Selected Poems (1938-1958) Summer Knowledge New Directions Publishing

How can we know where we 're going if we don ' t know where we are coming from? This question applies as much to nations as it does to travellers, and it rings especially loudly in the ears of Canadians. Canada: A People ' s History doesn ' t tell us where we are going, but it shows us where we have come from This richly illustrated book, the first of two volumes, tells the epic story of Canada from its earliest days to the arrival of the industrial age in the 1870s. Here is the story of the people who created this vast nation. The courageous explorers who tracked the vast wilderness; the adventurous settlers, many of them exiles from their homelands; the native peoples, crucial allies in the Europeans ' wars for possession of this land; the visionary politicians, and the shortsighted ones; but most of all the ordinary people who rose to the extraordinary challenge of building Canada. These people are all given voice here, their stories blending with accounts of the major events of the day. This is the story of Canada for the new millennium, one that draws on solid scholarship and presents the human drama and excitement of days gone by, one that makes past times memorable. From the Hardcover edition.

THE #1 INTERNATIONAL BESTSELLER WITH OVER 28 MILLION COPIES IN PRINT! A timeless business classic, Who Moved My Cheese? uses a simple parable to reveal profound truths about dealing with change so that you can enjoy less stress and more success in your work and in your life. It would be all so easy if you had a map to the Maze. If the same old routines worked. If they'd just stop moving "The Cheese." But things keep changing... Most people are fearful of change, both personal and professional, because they don't have any control over how or when it happens to them. Since change happens either to the individual or by the individual, Dr. Spencer Johnson, the coauthor of the multimillion bestseller The One Minute Manager, uses a deceptively simple story to show that when it comes to living in a rapidly changing world, what matters most is your attitude. Exploring a simple way to take the fear and anxiety out of managing the future, Who Moved My Cheese? can help you discover how to anticipate, acknowledge, and accept change in order to have a positive impact on your job, your relationships, and every aspect of your life.

To Students

Theory and Applications

Professional Ethics and Human Values

History of Bengali Language and Literature

Computer Organization

Government Reports Announcements & Index

Ruskin Bond wrote his first short story, 'Untouchable', at the age of sixteen in 1950. Since then he has written over a hundred stories, including the classics 'A Face in the Dark', 'The Kitemaker', 'The Tunnel' and 'Time Stops at Shamli'. Two of his autobiographical works, 'Life with Father' and 'My Father's Last Letter', are also included in this selection. Filled with characteristic warmth, gentle humour and keen observations on daily life, this collection brings together some of the finest short fiction by one of India's best-loved authors.

Designed for students having no previous experience with rigorous proofs, this text can be used immediately after standard calculus courses. It is highly recommended for anyone planning to study advanced analysis, as well as for future secondary school teachers. A limited number of concepts involving the real line and functions on the real line are studied, while many abstract ideas, such as metric spaces and ordered systems, are avoided completely. A thorough treatment of sequences of numbers is used as a basis for studying standard calculus topics, and optional sections invite students to study such topics as metric spaces and Riemann-Stieltjes integrals.

The book focuses on 8051 microcontrollers and prepares the students for system development using the 8051 as well as 68HC11, 80x96 and lately popular ARM family microcontrollers. A key feature is the clear explanation of the use of RTOS, software building blocks, interrupt handling mechanism, timers, IDE and interfacing circuits. Apart from the general architecture of the microcontrollers, it also covers programming, interfacing and system design aspects.

"Every point of view, every kind of knowledge and every kind of experience is limited and ignorant: nevertheless so far as I know, this volume seems to me to be as representative as it could be.--Delmore Schwartz

The Kitemaker

Using the SDGs for Shared Results and Impact
ASISA 2016

Sustainable Results in Development Using the SDGs for Shared Results and Impact
A Cultural History of India

This book provides an in-depth discussion of the principles of thermodynamics. It focuses on engineering applications of theory and sound techniques for solving thermodynamic problems. The book presents the fundamental concepts of thermodynamics and describes the theory of work and heat. The text covers in detail the first law and the second law of thermodynamics with their applications. It also explains the concepts of entropy and availability and irreversibility. In addition, the book presents thermodynamic properties of pure substances, ideal gases and mixtures of ideal gases, as well as real gases. This book is designed for undergraduate students of mechanical engineering, industrial and production engineering, automobile engineering and aeronautical engineering for their courses in thermodynamics.

Praise for the First Edition ". . . outstandingly appealing with regard to its style, contents, considerations of requirements of practice, choice of examples, and exercises." —Zentrablatt Math ". . . carefully structured with many detailed worked examples . . ." —The Mathematical Gazette ". . . an up-to-date and user-friendly account . . ." —Mathematika
An Introduction to Numerical Methods and Analysis addresses the mathematics underlying approximation and scientific computing and successfully explains where approximation methods come from, why they sometimes work (or don't work), and when to use one of the many techniques that are available. Written in a style that emphasizes readability and usefulness for the numerical methods novice, the book begins with basic, elementary material and gradually builds up to more advanced topics. A selection of concepts required for the study of computational mathematics is introduced, and simple approximations using Taylor's Theorem are also treated in some depth. The text includes exercises that run the gamut from simple hand computations, to challenging derivations and minor proofs, to programming exercises. A greater emphasis on applied exercises as well as the cause and effect associated with numerical mathematics is featured throughout the book. An Introduction to Numerical Methods and Analysis is the ideal text for students in advanced undergraduate mathematics and engineering courses who are interested in gaining an understanding of numerical methods and numerical analysis.

Governments and providers of development co-operation increasingly use Sustainable Development Goal indicators to guide their policies and practices. The close examination of three large recipients of development co-operation: Ethiopia, Kenya and Myanmar across the sectors of Education, Sanitation and Energy reveals four inter-related challenges in using SDG indicators at country level.

Gilbert Strang's clear, direct style and detailed, intensive explanations make this textbook ideal as both a course companion and for self-study. Single variable and multivariable calculus are covered in depth. Key examples of the application of calculus to areas such as physics, engineering and economics are included in order to enhance students' understanding. New to the third edition is a chapter on the 'Highlights of calculus', which accompanies the popular video lectures by the author on MIT's OpenCourseWare. These can be accessed from math.mit.edu/~gs.

JUET-Jammu University Entrance Test (PG Programmes, PG Diploma Programmes & UG Programmes)

From Kid to Coach

CORPORATE ACCOUNTING

Taxmann's Entrepreneurship - Simple, Systematic Explanations along-with Comprehensive Coverage of the Concept & Theories | Choice Based Credit System (CBCS) | 3rd Edition | April 2021

INTRODUCTION TO ENVIRONMENT MANAGEMENT

Annual Report 2020-21

At the age of eight, Karl Popper was puzzling over the idea of infinity and by fifteen was beginning to take a keen interest in his father's well-stocked library of books. Unended Quest recounts these moments and many others in the life of one of the most influential thinkers of the twentieth century, providing an indispensable account of the ideas that influenced him most. As an introduction to Popper's philosophy, Unended Quest also shines. Popper lucidly explains the central ideas in his work, making this book ideal for anyone coming to Popper's life and work for the first time.

Computer and Communication Networks, Second Edition, explains the modern technologies of networking and communications, preparing you to analyze and simulate complex networks, and to design cost-effective networks for emerging requirements. Offering uniquely balanced coverage of basic and advanced topics, it teaches through case studies, realistic examples and exercises, and intuitive illustrations. Nader F. Mir establishes a solid foundation in basic networking concepts; TCP/IP schemes; wireless and LTE networks; Internet applications, such as Web and e-mail; and network security. Then, he delves into both network analysis and advanced networking protocols, VoIP, cloud-based multimedia networking, SDN, and virtualized networks. In this new edition, Mir provides updated, practical, scenario-based information that many networking books lack, offering a uniquely effective blend of theory and implementation. Drawing on extensive field experience, he presents many contemporary applications and covers key topics that other texts overlook, including P2P and voice/video networking, SDN, information-centric networking, and modern router/switch design. Students, researchers, and networking professionals will find up-to-date, thorough coverage of Packet switching Internet protocols (including IPv6) Networking devices Links and link interfaces LANs, WANs, and Internetworking Multicast routing, and protocols Wide area wireless networks and LTE Transport and end-to-end protocols Network applications and management Network security Network queues and delay analysis Advanced router/switch architecture QoS and scheduling Tunneling, VPNs, and MPLS All-optical networks, WDM, and GMPLS Cloud computing and network virtualization Software defined networking (SDN) VoIP signaling Media exchange and voice/video compression Distributed/cloud-based multimedia networks Mobile ad hoc networks Wireless sensor networks Key features include More than three hundred fifty figures that simplify complex topics Numerous algorithms that summarize key networking protocols and equations Up-to-date case studies illuminating concepts and theory Approximately four hundred exercises and examples honed over Mir's twenty years of teaching networking

Teaches students the mathematical foundations of computer science, including logic, Boolean algebra, basic graph theory, finite state machines, grammars and algorithms, and helps them understand mathematical reasoning for reading, comprehension and construction of mathematical arguments.

MATH 221 FIRST Semester Calculus By Sigurd Angenent

The Republic of India

Summer Knowledge

FUNDAMENTALS OF STRENGTH OF MATERIALS

Unended Quest

Calculus

Computer and Communication Networks

This comprehensive text on control systems is designed for undergraduate students pursuing courses in electronics and communication engineering, electrical and electronics engineering, telecommunication engineering, electronics and instrumentation engineering, mechanical engineering, and biomedical engineering. Appropriate for self-study, the book will also be useful for AMIE and IETE students. Written in a student-friendly readable manner, the book explains the basic fundamentals and concepts of control systems in a clearly understandable form. It is a balanced survey of theory aimed to provide the students with an in-depth insight into system behaviour and control of continuous-time control systems. All the solved and unsolved problems in this book are classroom tested, designed to illustrate the topics in a clear and thorough way. KEY FEATURES : Includes several fully worked-out examples to help students master the concepts involved. Provides short questions with answers at the end of each chapter to help students prepare for exams confidently. Offers fill in the blanks and objective type questions with answers at the end of each chapter to quiz students on key learning points. Gives chapter-end review questions and problems to assist students in reinforcing their knowledge.

This textbook provides students with the knowledge of basic accounting principles and practices concerned with preparing and presenting corporate accounts in a systematic manner. The unique feature of this book is the simplicity of presentation which enables students to understand the subject and solve practical problems with ease. The main strengths of the book are the plentiful illustrative examples and the end-of-chapter exercises with answers. The wide coverage and user-friendly approach makes the book to comprehensively meet the requirements of students studying Corporate Accounting as a subject at B.Com & BBA examinations of different Indian universities based on Choice Based Credit System (CBCS).

Politics of Globalization presents an up-to-date perspective on the kaleidoscopic politics of globalization. The authors analyze the existing definitions of capitalism and argue that globalization and the consequent growing multi-polarity in world politics is not a crisis but a proliferation of capitalisms. This network of capitalisms becomes the framework of the politics of the new globalization. This compilation by social scientists across the globe is an empirical and theoretical exploration of the political responses to globalization. The authors examine the impacts of the decline of US domination in trade and finance and compare it to the rise of Asian economies, with special focus on China and India. The articles explore the multiple impacts of globalization: the impact of new global political relations on 21st century international division of labour, the relation between gender equality and globalization, trade union politics and globalization, ecological politics and globalization discourse, dual citizenship and global politics, and globalization of language and culture. They also discuss the anti-globalization movements and argue that these might change the course of current trends in globalization processes. This book will hold great value for social scientists and economists as well as politicians, social activists, and other professionals interested in the study of globalization and its consequences.

This is a comprehensive survey of Indian culture, covering such aspects as religion, philosophy, social organisation, literature, art, architecture, music and science.

The Development of Its Laws and Constitution

Memoirs of an Inner City Kid

Politics of Globalization

Discrete Mathematical Structures

An Introduction to Numerical Methods and Analysis

Elementary Analysis

This book is a comprehensive & authentic book on 'Entrepreneurship'. The basic aim of the book is to orient the students towards entrepreneurship as a career option along-with creative thinking and behaviour for effectiveness at work. The book also aims to educate the students on the most pertinent issue of the rapidly evolving world of entrepreneurs and the Government initiatives towards boosting entrepreneurship and Start-up culture amongst youth, for combating the mammoth problem of unemployment in India. This book aims to fulfill the requirement of following students: • B.Com. (Hons.), Semester – II, Paper BCH 2.4(a) • B.Com., Semester – VI, Paper BC 6.4(a) • Choice Based Credit System ('CBCS') courses introduced & revamped in 2019 by University of Delhi The Present Publication is the 3rd Edition, authored by CA (Dr.) Abha Mathur, with the following noteworthy features: • [Simple & Systematic Manner of Presentation] The subject-matter is presented in a simple, systematic method along with comprehensive explanation of the concept and theories underlying entrepreneurship • [Student-Oriented Book] This book has been developed, keeping in mind the following factors: ? Interaction of the author/teacher with his/her students in the class-room ? Shaped by the author/teachers experience of teaching the subject-matter at different levels ? Reaction and responses of students have also been incorporated at different places in the book • [Case-studies & to-do-exercises] This book incorporates all these at the end of the chapter, to enable students to explore and identify the practical aspects of entrepreneurship • [SWOT Analysis] After having gone through the book, the students will be able to identify their hidden potential through personal SWOT analysis. They would also learn the methodology and modalities of setting up small business ventures & ways and methods of arranging and managing finances • This book contains the method of Appraising a Project, Writing a Project Report, making a Feasibility Study and contains the much needed formats of Business Proposals • [Case Studies and Brief Sketches] of successful entrepreneurial stories have been incorporated • [Chapter on GST] has been added to facilitate better and enhanced knowledge • Contents of this book are as follows: ? [Introduction] • Entrepreneurship – Meaning and Importance, Entrepreneurship in the Indian Context, Entrepreneurship as a Creative Solution Provider • Meaning of Various Terms Related to Entrepreneurship, Intrapreneurship, Social Entrepreneurship, Net Entrepreneurship, Technopreneurship ? [Entrepreneurial Support System] • Socio-Economic Support System for Entrepreneurship • Public and Private System of Stimulation • Role of Development Institutes, Availability of Finance,

Marketing, Technology and Project Related Assistance • Role of Trade Association and Self-Help Groups for Promotion of Entrepreneurship • Types of Business Entities – Micro, Small and Medium Enterprises, Role of MSME Sector in Indian Economy • Family Business in India • Conflicts in Family Business • Startup Action Plan • Make in India Initiative ? [Enterprise Formation Process] • Understanding and Analyzing Business Opportunities, Market Demand Analysis, Project Feasibility Study • Preparation of Business Plan • Cases of Indian Start-ups ? [Managerial Aspects of Business] • Managing Finance – Preparation of Operating/Cost Budget, Cash Budget • Understanding Management of Short Term and Long Term Capital • Human Resource Planning • Contract Management • Understanding Marketing Methods • Understanding of GST and Other Tax Compliances ? [Managing Growth] • Business Growth Strategies Specific to Small Enterprises • Enterprise Life Cycle and Various Growth Strategies • Business Collaboration and Outsourcing of Resources • Network Management • Succession Planning for Sustenance

The Third Edition of this text, which is a thoroughly revised and enlarged version of Prof. V.K. Goyal's book, Corporate Accounting, Second Edition, gives a clear analysis of the fundamental concepts of corporate accounting. Accounting for various types of companies comes under the sphere of corporate accounting. This book primarily deals with the preparation and presentation of accounts strictly in accordance with the provisions of the Indian Company Law. Organized into 11 chapters, this book, at the outset, presents provisions of the Indian Companies Act, 1956, SEBI's guidelines, and different types of shares and modes for issue of shares. Then it goes on to give a detailed discussion on the conditions for redemption of preference shares with their sources and conversion of preference shares into equity shares. Besides, this text covers, in detail, topics such as different modes of issue and redemption of debentures, internal and external construction of companies, preparation of cash flow statement and its classification as well as the distinction between cash flow statement and fund flow statement. Finally, the book elaborates on several methods of analysis of financial statements and advantages and limitations of ratio analysis. This well-organized and student-friendly book is intended as a text for undergraduate students of commerce (B.Com. Programme/B.Com. Pass) in universities across India. In addition, it would be useful for professional courses such as CA, ICWA and CS. Key Features Covers concepts and principles of corporate accounting in a comprehensive manner. Includes 300 worked-out examples to illustrate the concepts discussed. Provides 250 unsolved problems in a graded manner for the benefit of students.

Originally published in 2010, reissued as part of Pearson's modern classic series.

This extremely reliable mentoring book is specially published for the aspirants of 'Jammu University Entrance Test (JUET)' for admission to PG Degree/Diploma and UG Programmes. Along with the specialised study and practice material based on the Latest Pattern of the exam, the book also comprises a Solved Previous Years' Papers for aspirants to be well conversant with the type of questions asked and their answers. The book is highly recommended for the aspirants to Sharpen their Problem Solving Skills with intensive practice of numerous important questions provided in the book, and prepare themselves to face the exam with Confidence, Successfully. Salient Features of the Book-The book consists of ample Specialised Study and Practice Material comprising numerous Solved MCQs on all the relevant Subjects & Topics. Most of the practice questions incorporated in the book have been modelled on various previous exam papers and solved by the learned subject experts. Detailed explanatory answers have also been provided for selected typical questions for Better Understanding of readers. In a nutshell, you can rely upon this book for study, practice and during the precious moments before the exam and Ensure your Success in Securing a Seat in the course of your choice.

An A-Mazing Way to Deal with Change in Your Work and in Your Life

Science and Technology

The Theory of Calculus

Microcontrollers

Basic Thermodynamics

Selected Poems (1938-1958)

The waste produced by industrial activities during the manufacturing processes in factories, mills and mines is termed as industrial waste. The most common types of industrial waste include masonry and concrete, dirt and gravel, oil solvents and scrap lumber. Industrial waste can be in different forms such as solid, liquid or gaseous. It can be hazardous or non-hazardous waste. Hazardous waste can be reactive, corrosive, ignitable, toxic and radioactive. Industrial waste is designated as chemical waste, toxic waste, municipal solid waste and industrial solid waste. The industrial waste consisting of conventional pollutants such as biochemical oxygen demand can be treated at sewage treatment plants. Industrial waste that contains toxic pollutants is managed through specialized treatment systems. This book outlines the processes and applications of industrial waste management in detail. The topics covered herein deal with the core aspects of this field. This textbook is appropriate for students seeking detailed information in this area as well as for experts.

This comprehensive book, now in its third edition, brings into fore the fundamental concepts of environment management. The elegantly combined presentation of various aspects of environment, ecosystems, effects of global warming and pollution, and various ways to conserve nature and save environment, with profundity, is a highlight of this text. The third edition, while retaining the thorough coverage of the various areas of environment management—ecology, biodiversity, degradation of environment, agro-ecosystem and sustaining agriculture, forest and wildlife, waste management, emerging disciplines in environmental management, environment legislation, ethical aspects of environment—throws light on a new chapter on Ecological Dynamics and Human Influence that discusses the various environmentally significant behaviour, including environmental activism, eco-terrorism, bio-terrorism, agro-terrorism, ecotage, Green Scare, and environmental refugee. Designed as a textbook for the postgraduate students of management, this book can be equally useful for the undergraduate students of all disciplines.

' The original edition of Introduction to Nuclear and Particle Physics was used with great success for single-semester courses on nuclear and particle physics offered by American and Canadian universities at the undergraduate level. It was also translated into German, and used overseas. Being less formal but well-written, this book is a good vehicle for learning the more intuitive rather than formal aspects of the subject. It is therefore of value to scientists with a minimal background in quantum mechanics, but is sufficiently substantive to have been recommended for graduate students interested in the fields covered in the text. In the second edition, the material begins with an exceptionally clear development of Rutherford scattering and, in the four following chapters, discusses sundry phenomenological issues concerning nuclear properties and structure, and general applications of radioactivity and of the nuclear force.

This is followed by two chapters dealing with interactions of particles in matter, and how these characteristics are used to detect and identify such particles. A chapter on accelerators rounds out the experimental aspects of the field. The final seven chapters deal with elementary-particle phenomena, both before and after the realization of the Standard Model. This is interspersed with discussion of symmetries in classical physics and in the quantum domain, bringing into full focus the issues concerning CP violation, isotopic spin, and other symmetries. The final three chapters are devoted to the Standard Model and to possibly new physics beyond it, emphasizing unification of forces, supersymmetry, and other exciting areas of current research. The book contains several appendices on related subjects, such as special relativity, the nature of symmetry groups, etc. There are also many examples and problems in the text that are of value in gauging the reader's understanding of the material. Contents: Rutherford Scattering Nuclear Phenomenology Nuclear Models Nuclear Radiation Applications of Nuclear Physics Energy Deposition in Media Particle Detection Accelerators Properties and Interactions of Elementary Particles Symmetries Discrete Transformations Neutral Kaons, Oscillations, and CP Violation Formulation of the Standard Model Standard Model and Confrontation with Data Beyond the Standard Model Readership: Advanced undergraduates and researchers in nuclear and particle physics.

Keywords: Rutherford Scattering; Nuclear Properties; Nuclear Structure; Elementary Particles; Sub-Structure of Particles; Particle Detectors; Interactions in

Matter; The Standard Model; Symmetries of Nature; Theories of Nuclear and Particle Structure; Radioactivity; Supersymmetry
 Reviews: “ The book by Das and Ferbel is particularly suited as a basis for a one-semester course on both subjects since it contains a very concise introduction to those topics and I like very much the outline and contents of this book. ” Kay Konigsmann Universität Freiburg, Germany “ The book provides an introduction to the subject very well suited for the introductory course for physics majors. Presentation is very clear and nicely balances the issues of nuclear and particle physics, exposes both theoretical ideas and modern experimental methods. Presentation is also very economic and one can cover most of the book in a one-semester course. In the second edition, the authors updated the contents to reflect the very recent developments in the theory and experiment. They managed to do it without substantial increase of the size of the book. I used the first edition several times to teach the course ‘ Introduction to Subatomic Physics ’ and I am looking forward to use this new edition to teach the course next year. ” Professor Mark Strikman Pennsylvania State University, USA “ This book can be recommended to those who find elementary particle physics of absorbing interest. ” Contemporary Physics ’

The Importance Of Environmental Studies Cannot Be Disputed Since The Need For Sustainable Development Is A Key To The Future Of Mankind. Recognising This, The Honourable Supreme Court Of India Directed The Ugc To Introduce A Basic Course On Environmental Education For Undergraduate Courses In All Disciplines, To Be Implemented By Every University In The Country. Accordingly, The Ugc Constituted An Expert Committee To Formulate A Six-Month Core Module Syllabus For Environmental Studies. This Textbook Is The Outcome Of The Ugc S Efforts And Has Been Prepared As Per The Syllabus. It Is Designed To Bring About An Awareness On A Variety Of Environmental Concerns. It Attempts To Create A Pro-Environmental Attitude And A Behavioural Pattern In Society That Is Based On Creating Sustainable Lifestyles And A New Ethic Towards Conservation. This Textbook Stresses On A Balanced View Of Issues That Affect Our Daily Lives. These Issues Are Related To The Conflict Between Existing `Development Strategies And The Need For `Conservation . It Not Only Makes The Student Better Informed On These Concerns, But Is Expected To Lead The Student Towards Positive Action To Improve The Environment. Based On A Multidisciplinary Approach That Brings About An Appreciation Of The Natural World And Human Impact On Its Integrity, This Textbook Seeks Practical Answers To Make Human Civilization Sustainable On The Earth S Finite Resources. Attractively Priced At Rupees One Hundred And Fifteen Only, This Textbook Covers The Syllabus As Structured By The Ugc, Divided Into 8 Units And 50 Lectures. The First 7 Units, Which Cover 45 Lectures Are Classroom Teaching-Based, And Enhance Knowledge Skills And Attitude To Environment. Unit 8 Is Based On Field Activities To Be Covered In 5 Lecture Hours And Would Provide Students With First Hand Knowledge On Various Local Environmental Issues.

Single Variable

Architecture, Programming, Interfacing and System Design

Textbook of Environmental Studies for Undergraduate Courses

Real Analysis (Classic Version)

Industrial Waste Treatment

Principles of Macroeconomics

This book provides comprehensive coverage of the fundamental concepts and all the key topics of interest in Strength of Materials with an emphasis on solving practical problems, from the first principles, related to the design of structural members, mechanical devices and systems in several fields of engineering. The book is organized to present a thorough treatment of stress analysis first. This treatment of basic principles is followed by appropriate application of analysis techniques and design approaches to trusses and cables, torsion in circular shaft, deflection of beams, buckling of straight columns and struts, and analysis of thick- and thin-walled cylinders under internal and external pressure. The book features clear explanations, a wealth of excellent worked-out examples of practical applications, and challenging problems. The book is intended for the undergraduate students of civil, mechanical, electrical, chemical, aeronautical, and production and industrial engineering. Key Features Provides a large number of worked-out examples to help students comprehend the concepts with ease. Gives chapter-end review questions to test students' understanding of the subject. Includes chapter-end numerical problems to enhance the problem-solving ability of students. Many of the problems depict realistic situations encountered in engineering practice. Incorporates objective type questions to help students assess their overall mastery of the subject.

The book focuses on the state-of-the-art technologies pertaining to advances in soft computing, intelligent system and applications. The Proceedings of ASISA 2016 presents novel and original work in soft computing, intelligent system and applications by the experts and budding researchers. These are the cutting edge technologies that have immense application in various fields. The papers discuss many real world complex problems that cannot be easily handled with traditional mathematical methods. The exact solution of the problems at hand can be achieved with soft computing techniques. Soft computing represents a collection of computational techniques inheriting inspiration from evolutionary algorithms, nature inspired algorithms, bio-inspired algorithms, neural networks and fuzzy logic.

Tye was born in the South Bronx, NYC. She grew up in the Andrew Jackson houses, where she resided until she was 13. Despite the fact that her life had been surrounded by drugs, guns, and murders, she could not understand why her mother would not allow the freedom most girls her age had in her neighborhood. It wasn't until she became an adult and obtained the freedom she desired when she became the party animal she thought she wanted to be. The partying and care for nothing attitude began to fade. Soon to follow was the great life of motherhood. She explains the love she felt for her mate, as well as the grand experience of becoming a mom. Tye shares in depth her struggles, striving for stability, and the opportunity to get back on her feet, all after falling on hard times. From the hood to self-acclimated success, she will take you on a journey you will never forget. Tye has painted the picture and told her truth in a way that we all need to hear. Men, women, and teenagers, can all benefit from this story. Life has a way of showing what is and what is not important in order to thrive. It's obvious that with giving us her memoir, Tye just wants us all to pay attention! !

Stories

Principles of Microeconomics 2e

Who Moved My Cheese?

Introduction to Nuclear and Particle Physics

An Intellectual Autobiography

MATH 221 FIRST Semester Calculus