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 APC Learning Mathematics - Class 8 (CBSE) - Avichal Publishing Company
 Membrane Desalination
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 Proceedings of the International Symposium on Engineering under Uncertainty: Safety Assessment and Management (ISEUSAM - 2012)
 Uncertainty Analysis in Engineering and Sciences: Fuzzy Logic, Statistics, and Neural Network Approach
 Fundamentals of Reinforced Concrete
 Fertilizer Technology
 Text Book Of Trigonometry

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Information Fusion and Intelligent Geographic Information Systems Springer Science & Business Media

This multi-volume handbook is the most up-to-date and comprehensive reference work in the field of fractional calculus and its numerous applications. This first volume collects authoritative chapters covering the mathematical theory of fractional calculus, including fractional-order operators, integral transforms and equations, special functions, calculus of variations, and probabilistic and other aspects.

Basic Theory CRC Press

Our NEET Foundation series is sharply focused for the NEET aspirants. Most of the students make a career choice in the middle school and, therefore, choose their stream informally in secondary and formally in senior secondary schooling, accordingly. If you have decided to make a career in the medical profession, you need not look any further! Adopt this series for Class 9 and 10 today.

Differential and Integral Calculus Avichal Publishing Company

This book gathers the proceedings of the 9th International Symposium "Information Fusion and Intelligent Geographic Information Systems 2019" (IF&IGIS'2019), which was held in St. Petersburg, Russia from May 22 to 24, 2019. The goal of the symposium was to provide a forum for exchange among leading international scholars in the fields of spatial data, information integration and Intelligent Geographic Information Systems (IGIS). The symposium was an opportunity to discuss sound and effective lines of modeling in the fusion of spatial data and information within the broader scope of intelligent GIS. The topics of the 2019 Symposium essentially fall into three broad categories of developments aimed at leveraging the power of spatial information, namely: artificial intelligence; algorithmic and computations processes; and data-informed simulation models. All papers collected here present compelling, cutting-edge research on cloud computing, deep learning, visual analytics, and large-scale optimization. They discuss information fusion and intelligent GIS research in the context of surface and sub-surface maritime activities, port asset management, land-based trip and travel planning, smart city and e-government, emergency management, and environmental monitoring. Given its scope, the book will be of interest to students, researchers and professionals working in GIS, remote sensing, and cloud computing.

Skills in Mathematics - Play with Graphs for JEE Main and Advanced Springer Science & Business Media

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 Algebra presents 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, Multinomial 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.

Transportation Decision Making Arihant Publications India limited

Accompanying CD-ROM contains software, Guidance manual, User manual, and appendixes to report.

APC Learning Mathematics - Class 8 (CBSE) - Avichal Publishing Company All India Radio (AIR), New Delhi

Discover the secret missions behind America's greatest conflicts. Danny Manion has been fighting his entire life. Sometimes with his fists. Sometimes with his words. But when his actions finally land him in real trouble, he can't fight the judge who offers him a choice: jail... or the army. Turns out there's a perfect place for him in the US military: the Studies and Observation Group (SOG), an elite volunteer-only task force comprised of US Air Force Commandos, Army Green Berets, Navy SEALs, and even a CIA agent or two. With the SOG's focus on covert action and psychological warfare, Danny is guaranteed an unusual tour of duty, and a hugely dangerous one. Fortunately, the very same qualities that got him in trouble at home make him a natural-born commando in a secret war. Even if almost nobody knows he's there. National Book Award finalist Chris Lynch begins a new, explosive fiction series based on the real-life, top-secret history of US black ops.

Membrane Desalination Discovery Publishing House

Written by a former All India Topper, this book has been touted by several iconic IITians as the most effective book on JEE planning ever written! Anagh argues that most IITians are neither born-geniuses nor unusually intense work-machines; they are smart planners instead. He takes you behind-the-scenes to reveal how smart planning works for JEE and lays out a clear framework for goal-oriented thinking. The step by step approach outlined across 11 chapters covers everything from daily routine to efficient practice to long term motivation, all explained through real life examples and presented with time-tested proofs. It talks about achieving one's goals while not missing out on a balanced life and questions people's deepest beliefs about achieving a large and meaningful goal like IIT-JEE. After finishing the book, readers will take away not just a concrete plan to prepare for JEE, but in the words of an early reviewer, a "life-altering" change in perspective towards success. "Edifying and thought-provoking! Reading this book will help you succeed not only in JEE but also in life." - Chitraang Murdia, AIR-1 in JEE Adv, 2014 "Covers a lot of important topics and explains goal setting well" - Aman Bansal, AIR-1 in JEE Adv, 2016 "Develops a holistic strategy to ace the JEE" - Ananye Agarwal, AIR-3 in JEE Adv, 2017 "Informative and Inspirational! It unravels the inner workings of a topper's mind" - Amey Gupta, AIR-8 in JEE Adv, 2014 "It will enable students to follow tested winning strategies rather than reinvent the wheel" - Kartikeya Gupta, AIR-4 in JEE Adv, 2013 "It iterates on the timeless wisdom of BhagavadGita to excel not only in JEE but any goal in life" - Vishwajeet Agarwal, AIR-5 in JEE Main, 2017. More about the book can be found out at www.thejeeproject.com

Guide to Indian Periodical Literature Transportation Research Board

The term 'green chemistry' was coined by Anastas and Warner in

the early 1990s and it is nowadays the mainstay of designing and implementing advanced chemical processes that decrease or eliminate the use and generation of hazardous substances whilst minimizing energy consumption. *Solution Combustion Synthesis of Nanostructured Solid Catalysts for Sustainable Chemistry* is an interdisciplinary collection of fundamental and applied cutting-edge studies which highlight general and specific aspects of the synthesis of nanostructured catalysts through Solution Combustion Synthesis (SCS), studying their applications from the perspective of green chemistry. This book intends to integrate the fundamental principles of the SCS process with its engineering aspects and covers the synthesis of a wide variety of catalytic materials. This reference book can be used as a permanent consulting material for students, researchers and the general readership for green chemistry, nanochemistry, materials science and chemical engineering.

Numerical Chemistry Springer Nature

International Symposium on Engineering under Uncertainty: Safety Assessment and Management (ISEUSAM - 2012) is organized by Bengal Engineering and Science University, India during the first week of January 2012 at Kolkata. The primary aim of ISEUSAM 2012 is to provide a platform to facilitate the discussion for a better understanding and management of uncertainty and risk, encompassing various aspects of safety and reliability of engineering systems. The conference received an overwhelming response from national as well as international scholars, experts and delegates from different parts of the world. Papers received from authors of several countries including Australia, Canada, China, Germany, Italy, UAE, UK and USA, besides India. More than two hundred authors have shown their interest in the symposium. The Proceedings presents ninety two high quality papers which address issues of uncertainty encompassing various fields of engineering, i.e. uncertainty analysis and modelling, structural reliability, geotechnical engineering, vibration control, earthquake engineering, environmental engineering, stochastic dynamics, transportation system, system identification and damage assessment, and infrastructure engineering.

THE INDIAN LISTENER Walter de Gruyter GmbH & Co KG Includes section, "Recent book acquisitions" (varies: Recent United States publications) formerly published separately by the U.S. Army Medical Library.

Unconventional Warfare (Special Forces, Book 1) Scholastic Inc. The classic introduction to the fundamentals of calculus Richard Courant's classic text *Differential and Integral Calculus* is an essential text for those preparing for a career in physics or applied math. Volume 1 introduces the foundational concepts of "function" and "limit", and offers detailed explanations that illustrate the "why" as well as the "how". Comprehensive coverage of the basics of integrals and differentials includes their applications as well as clearly-defined techniques and essential theorems. Multiple appendices provide supplementary explanation and author notes, as well as solutions and hints for all in-text problems.

Indian Science Abstracts Arihant Publications India limited Uncertainty has been of concern to engineers, managers and scientists for many centuries. In management sciences there have existed definitions of uncertainty in a rather narrow sense since the beginning of this century. In engineering and uncertainty has for a long time been considered as in sciences, however, synonymous with random, stochastic, statistic, or probabilistic. Only since the early sixties views on uncertainty have become more heterogeneous and more tools to model

uncertainty than statistics have been proposed by several scientists. The problem of modeling uncertainty adequately has become more important the more complex systems have become, the faster the scientific and engineering world develops, and the more important, but also more difficult, forecasting of future states of systems have become. The first question one should probably ask is whether uncertainty is a phenomenon, a feature of real world systems, a state of mind or a label for a situation in which a human being wants to make statements about phenomena, i. e. , reality, models, and theories, respectively. One can also ask whether uncertainty is an objective fact or just a subjective impression which is closely related to individual persons. Whether uncertainty is an objective feature of physical real systems seems to be a philosophical question. This shall not be answered in this volume.

Bridge Life-cycle Cost Analysis Skills in Mathematics - Play with Graphs for JEE Main and Advanced

This book presents the latest developments and advances in solar desalination technology, including the concept, design, testing, modeling, economics and innovation. The chapters in this volume are contributed by leading international researchers and are based on original research material. The contents of this volume will be of interest to researchers, professionals, and policymakers alike.

A Plan That Actually Works S. Chand Publishing

This book on Reinforced Concrete has been comprehensively revised with a view to make it more suitable for the updated syllabus of various Technical Institutes and Engineering Colleges of different Universities.

Solution Combustion Synthesis Of Nanostructured Solid Catalysts For Sustainable Chemistry World Scientific

This book compiles the best evidence in procedural dermatology, including skin cancer surgery, laser techniques, minimally invasive cosmetic surgery, and emerging techniques. Building on the highly successful first edition, this volume provides much expanded coverage of a range of topics. The best information is provided to reveal the most appropriate interventions for particular indications, optimal treatment techniques, and strategies for avoiding adverse events. Evidence-Based Procedural Dermatology, 2nd edition, includes two types of chapters: procedures and indications. Each chapter is designed to be clear and concise, with tables and flowcharts to showcase main findings. Each cited study is tagged with a level of evidence, and every recommendation includes a strength of evidence score. More than double the length of the first edition, this newest edition includes added procedures and interventions like: new lasers and energy devices for skin resurfacing and pigmentation; non-invasive fat reduction and skin tightening using cryolipolysis, radiofrequency, ultrasound, and chemical adipocytolysis; specific post-skin cancer excision reconstruction techniques; and novel approaches for melanoma.

Grants and Awards for the Fiscal Year Ended ... John Wiley & Sons

This book aims to provide details about membrane desalination processes, starting from basic concepts leading to real world implementation. Chapters cover novel research topics such as biomimetic and nanocomposite membranes, nanostructured fillers for mixed matrix membranes, advanced characterization techniques and molecular modeling. Additionally, engineering and economical aspects of desalination as well as the exploitation of green energy sources are thoroughly presented. This book targets bridging the gap between the everyday research

laboratory practices with practical application demands, so that the readers gain a global perspective of all desalination challenges.

California's Bridge Maintenance Management and Inspection Program Pitambar Publishing

This book Text Book of Trigonometry has been specially written to meet the requirement of Degree and Honours students of various Universities. The subject matter of this book has been discussed in such a simple way that the students find no difficulty to understand. Each chapter of this book contains complete theory and large number of solved example. Contents: Complex Numbers, Exponential, Trigonometric and Hyperbolic Functions of a Complex Variable (Separation into Real and Imaginary Parts), Logarithms of Complex Numbers, Inverse Circular and Hyperbolic Functions of Complex Numbers, Expansion of Some Trigonometrical Functions, Geogory s Series and Trigonometrical Expansions, Summation of Trigonometrical Series.

Solar Desalination Technology Springer Nature

Skills in Mathematics - Play with Graphs for JEE Main and Advanced Arihant Publications India limited Membrane Distillation Process MDPI

A Text Book of Calculus Notion Press

This pioneering text provides a holistic approach to decisionmaking in transportation project development and programming, which can help transportation professionals to optimize their investment choices. The authors present a proven set of methodologies for evaluating transportation projects that ensures that all costs and impacts are taken into consideration. The text's logical organization gets readers started with a solid foundation in basic principles and then progressively builds on that foundation. Topics covered include: Developing performance measures for evaluation, estimating travel demand, and costing transportation projects Performing an economic efficiency evaluation that accounts for such factors as travel time, safety, and vehicle operating costs Evaluating a project's impact on economic development and land use as well as its impact on society and culture Assessing a project's environmental impact, including air quality, noise, ecology, water resources, and aesthetics Evaluating alternative projects on the basis of multiple performance criteria Programming transportation investments so that resources can be optimally allocated to meet facility-specific and system-wide goals Each chapter begins with basic definitions and concepts followed by a methodology for impact assessment. Relevant legislation is discussed and available software for performing evaluations is presented. At the end of each chapter, readers are provided resources for detailed investigation of particular topics. These include Internet sites and publications of international and domestic agencies and research institutions. The authors also provide a companion Web site that offers updates, data for analysis, and case histories of project evaluation and decisionmaking. Given that billions of dollars are spent each year on transportation systems in the United States alone, and that there is a need for thorough and rational evaluation and decision making for cost-effective system preservation and improvement, this text should be on the desks of all transportation planners, engineers, and educators. With exercises in every chapter, this text is an ideal coursebook for the subject of transportation systems analysis and evaluation.

Library Bulletin S. Chand Publishing

The book deals with the latest research on membrane distillation. New membrane and module designs, low-temperature applications, integration with other membrane units and pilot scale investigations are presented and discussed.