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Engineering Mathematics Volume - II (For 2nd Semester of Anna University)-Kandasamy P./ Thilagavathi & Gunavathi K. 2006 Engineering Mathematics Volume
A Textbook of Engineering Mathematics (PTU, Jalandhar) Sem-II-N. P. Bali 2011-12-01
Engineering Mathematics - 1 | Fourth Edition | For Anna University | By Pearson-P. Sivaramakrishna Das Engineering Mathematics, 4e, is designed for the first semester undergraduate students of B.E/ B. Tech courses. In their trademark student friendly style, the authors have endeavored to provide an in-depth understanding of the concepts. Supported by a variety of solved examples, with reference to appropriate engineering applications, the book delves into the fundamental and theoretical concepts of Differential Calculus, Functions of several variables, Integral Calculus, Multiple Integrals, and Differential equations. Features: -450+ solved examples -450+ exercises with answers -250+ Part A questions with answers -Plenty of hints for problems -Includes a free book containing FAQs Table of Contents: Preface About the Authors Chapter 1) Differential Calculus Chapter 2) Functions of Several Variables Chapter 3) Integral Calculus Chapter 4) Multiple Integrals Chapter 5) Differential Equations Engineering Mathematics-Alex
A Textbook of Engineering Mathematics (For First Year ,Anna University)-N.P. Bali 2009-01-01
Mathematics-2-Ravish R Singh 2020-04-27 This book has been designed as per the Mathematics - 2 course offered in the first year to the undergraduate engineering students of GTU. The book provides in-depth coverage and complete explanation of topics which will help in easy understanding of the basic concepts. The methodical approach followed in the book will enable readers to develop a logical outlook for the course. Salient Features: □ Complete coverage of the GTU syllabus □ Solutions of GTU examination questions within chapters □ Diverse pedagogy o Chapter outline, Points to remember etc. o Solved examples within chapters: 649 o Unsolved problems within chapters: 561
Mathematics II (For Anna)-K.A. Lakshminarayanan, K. Megalai, P. Geetha & D. Jayanth With an exhaustive cache of solved examples, neat illustrations and unsolved problem sets, this book aspires to be a great reference material for budding engineers to both understand the intriguing mathematical concepts and apply them in devising modern engineering solutions. Key Features 1. Easy-to-understand concepts with 300+ solved examples 2. Unsolved numerical exercises with answers for self-assessment 3. Complete coverage of the updated university syllabus 4. Simple and accurate illustrations for quick understanding 5. Solved question papers of past examinations Engineering Mathematics-1-K. Selvamramanujam 2018-10-10 This is very useful to all engineering national and international students because lot of new methods are introducing this book. so, students are very easily understanding any critical problems. This book is very excellent.
Engineering Mathematics : Volume i-Gangadharan A. 2010
ENGG MATHS - AS 3RD SEM-VEERARAJAN 2005-05-01 This book has been thoroughly revised to meet with the requirements of the latest syllabus Mathematics III course offered in the third semester to the undergraduate students of engineering in college affiliated to the Anna University.
Linear Algebra and Partial Differential Equations-T Veerarajan 2018-07-23 This book seeks to build fundamental concepts on the subject of Linear Algebra and Partial Differential Equations. Each topic is lucidly and comprehensively explained as well as illustrated with diverse types of solved examples. Step-wise explanation has been provided to the students for the numerous solved examples to create better understanding of the course. Salient Features: - Exhaustive coverage on Partial Differential Equations and Fourier Series Solutions of PDE - Stepwise solutions provided for solved examples - Diverse and useful pedagogy such as text highlights, short answer questions, solved examples
A Textbook of Strength of Materials-R. K. Bansal 2010
Engineering Mathematics with Examples and Applications-Xin-She Yang 2016-12-29 Engineering Mathematics with Examples and Applications provides a compact and concise primer in the field, starting with the foundations, and then gradually developing to the advanced level of mathematics that is necessary for all engineering disciplines. Therefore, this book's aim is to help undergraduates rapidly develop the fundamental knowledge of engineering mathematics. The book can also be used by graduates to review and refresh their mathematical skills. Step-by-step worked examples will help the students gain more insights and build sufficient confidence in engineering mathematics and problem-solving. The main approach and style of this book is informal, theorem-free, and practical. By using an informal and theorem-free approach, all fundamental mathematics topics required for engineering are covered, and readers can gain such basic knowledge of all important topics without worrying about rigorous (often boring) proofs. Certain rigorous proof and derivatives are presented in an informal way by direct, straightforward mathematical operations and calculations, giving students the same level of fundamental knowledge without any tedious steps. In addition, this practical approach provides over 100 worked examples so that students can see how each step of mathematical problems can be derived without any gap or jump in steps. Thus, readers can build their understanding and mathematical confidence gradually and in a step-by-step manner. Covers fundamental engineering topics that are presented at the right level, without worry of rigorous proofs Includes step-by-step worked examples (of which 100+ feature in the work) Provides an emphasis on numerical methods, such as root-finding algorithms, numerical integration, and numerical methods of differential equations Balances theory and practice to aid in practical problem-solving in various contexts and applications
Advanced Modern Engineering Mathematics-Glyn James 2011 Building on the foundations laid in the companion text Modern Engineering Mathematics, this book gives an extensive treatment of some of the advanced areas of mathematics that have applications in various fields of engineering, particularly as tools for computer-based system modelling, analysis and design. The philosophy of learning by doing helps students develop the ability to use mathematics with understanding to solve engineering problems. A wealth of engineering examples and the integration of MATLAB and MAPLE further support students.
Basic Concepts of Electrical Engineering-Kuldeep Sahay 2006 This Book Presents A Practical-Oriented, Sound, Modularized Coverage Of Fundamental Topics Of Basic Electrical Engineering, Network Analysis & Network Theorems, Electromagnetism & Magnetic Circuit, Alternating Current & Voltages, Electrical Measurement & Measuring Instrument And Electric Machines.Salient Features:# Clarification Of Basic Concepts# Several Solved Examples With Detailed Explanation# At The End Of Chapters, There Are Descriptive And Numerical Unsolved Problems# Written In Very Simple Language And Suitable For Self-Study# Step-By-Step Procedures Given For Solving Numerical
Engineering Chemistry-I (For 2nd Semester of Anna University)-Arun Luiz T. 2015 Dr. Arun Luiz T is currently working as Assistant Professor at SSN College of Engineering, Kalavakkam. He completed his Master in science from St. Mary's College (University of Calicut), Sulthan Bathery, Kerala in 2002. He Stood First in his College for B.sc and M.sc. (Chemistry). He received his Ph. D. in Inorganic Chemistry from IIT Madras in the year 2010. His research interest includes phosphorus- based ligands in synthetic inorganic chemistry and organometallic chemistry.He has Published four research papers in reputed national and international journals. He has more than four years of teaching experience in various engineering colleges.
S Chand Higher Engineering Mathematics-H K Dass 2011 For Engineering students & also useful for competitive Examination.
Higher engineering mathematics-B. S. Grewal 1998
A Textbook of Engineering Mathematics (PTU, Jalandhar) Sem-III/IV-N. P. Bali 2010-06-01
Concepts Of Physics-Harish Chandra Verma 1999
Utilisation of Electrical Power-Er. R. K. Rajput 2006
Mechanics of Materials-Dr. B.C. Punmia 2002
Annual Statistical Abstract for Tamil Nadu-Tamil Nadu (India). Department of Statistics 1986
Engineering Mathematics : Anna-USDP-E. Rukmangadachari The book covers the syllabus completely and exhaustively. The five units of the syllabus are presented in the five chapters that make up this book .Each topic of the subject discussed presents the important principles, methods and processes of obtaining results in a systematic way with emphasis on clarity and academic rigour. A lot of standard problems and frequently asked university questions have been worked out in detail for the students' benefit. Exercise problems are given with hints, wherever necessary. Further, a supplement of Frequently Asked Questions and Answers is provided along with the book.
Numerical Methods (As Per Anna University)-Satteluri R. K. lyengar 2009-01-01 About the Book: This comprehensive textbook covers material for one semester course on Numerical Methods (MA 1251) for B.E./ B. Tech. students of Anna University. The emphasis in the book is on the presentation of fundamentals and theoretical concepts in an intelligible and easy to understand manner. The book is written as a textbook rather than as a problem/guide book. The textbook offers a logical presentation of both the theory and techniques for problem solving to motivate the students in the study and application of Numerical Methods. Examples and Problems in Exercises are used to explain.
Annual Report for the Year ...-India. University Grants Commission 1989
Mathematical Education- 1989
Report for the Year ...-India. University Grants Commission 1986
Engineering Mathematics-Veerarajan T
Engineering Mathematics: Volume II-Rukmangadachari E. 2012
Bulletin of the Institution of Engineers (India)-Institution of Engineers (India) 1984
Catalogue of the Kyushu Imperial University Library-Kyūshū Daigaku, Toshokan 1933
Mathematics for Electrical Engineering and Computing-Mary P Attenborough 2003-06-30 Mathematics for Electrical Engineering and Computing embraces many applications of modern mathematics, such as Boolean Algebra and Sets and Functions, and also teaches both discrete and continuous systems - particularly vital for Digital Signal Processing (DSP). In addition, as most modern engineers are required to study software, material suitable for Software Engineering - set theory, predicate and prepositional calculus, language and graph theory - is fully integrated into the book. Excessive technical detail and language are avoided, recognising that the real requirement for practising engineers is the need to understand the applications of mathematics in everyday engineering contexts. Emphasis is given to an appreciation of the fundamental concepts behind the mathematics, for problem solving and undertaking critical analysis of results, whether using a calculator or a computer. The text is backed up by numerous exercises and worked examples throughout, firmly rooted in engineering practice, ensuring that all mathematical theory introduced is directly relevant to real-world engineering. The book includes introductions to advanced topics such as Fourier analysis, vector calculus and random processes, also making this a suitable introductory text for second year undergraduates of electrical, electronic and computer engineering, undertaking engineering mathematics courses. Dr Attenborough is a former Senior Lecturer in the School of Electrical, Electronic and Information Engineering at South Bank University. She is currently Technical Director of The Webbery - Internet development company, Co. Donegal, Ireland. Fundamental principles of mathematics introduced and applied in engineering practice, reinforced through over 300 examples directly relevant to real-world engineering
Engineering Mathematics Vol -III (Tamil Nadu)-K Gunavathi 2008-01-01 The existing Third Volume of our series of textbooks on Engineering Mathematics for students of B.E.,B.Tech. & B.Sc.(Applied Science)has been now split into two volumes,to caters to the needs of the syllabus semester-wise.This volume caters to the syllabus of fourth semester.Many worked examples are added in each chapter and a large number of problems are included in the Exercises.
Engineering Mathematics-P. Kandasamy 1986
Conjectures and Refutations-Karl Raimund Popper 1963
American Book Publishing Record- 2005
Computer Fundamentals & Programming in C-Goel Computer Fundamentals & Programming in C
Global Trends in Computing and Communication Systems-P. Venkata Krishna 2012-08-08 This two-volume set, CCIS 0269-CCIS 0270, constitutes the refereed post-conference proceedings of the International Conference on Global Trends in Computing and Communication, ObCom 2011, held in Vellore, India, in December 2011. The 173 full papers presented together with a keynote paper and invited papers were carefully reviewed and selected from 842 submissions. The conference addresses all current issues associated with computing, communication and information. The proceedings consists of invited papers dealing with the review of performance models of computer and communication systems and contributed papers that feature topics such as networking, cloud computing, fuzzy logic, mobile communication, image processing, navigation systems, biometrics and Web services covering literally all the vital areas of the computing domains.
Engineering Physics (Annual Pattern)-GAUR R K 1992

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