



Wiley Acing the GATE: Engineering Mathematics and General Aptitude

By Anil K. Maini, Nakul Maini, Varsha Agrawal

Wiley India Pvt. Ltd, 2015. Softcover. Book Condition: New. First edition. The book presents the subjects of Engineering Mathematics and General Aptitude in a systematic, structured and precise manner. It intends to offer GATE aspirants a self-study and do-it-yourself approach by providing comprehensive and step-by-step treatment of each and every aspect of the GATE examination. In addition, the book aims to solve problems faced by aspirants in terms of extensive syllabus coverage, existing incongruity with syllabus, unavailability of a standard book, etc. The emphasis on fundamental concepts helps in developing the aptitude required for success in GATE. The book has all the three important 'C' qualities, i.e. Conciseness, Completeness and Correctness. Preface Engineering Mathematics 1 Linear Algebra 1.1 Matrix 1.2 Determinants 1.3 Solutions of Simultaneous Linear Equations 1.4 Augmented Matrix 1.5 Gauss Elimination Method 1.6 Cayley-Hamilton Theorem 1.7 Eigenvalues and Eigenvectors 2 Calculus 2.1 Limits 2.2 Properties of Limits 2.3 Continuity and Discontinuity 2.4 Differentiability 2.5 Mean Value Theorems 2.6 Fundamental Theorem of Calculus 2.7 Differentiation 2.8 Applications of Derivatives 2.9 Partial Derivatives 2.10 Integration 2.11 Methods of Integration 2.12 Definite Integrals 2.13 Improper Integrals 2.14 Double Integration 2.15 Change of Order of Integration 2.16 Triple Integrals 2.17 Applications of...



READ ONLINE
[8.39 MB]

Reviews

The publication is great and fantastic. It really is simplistic but surprises within the 50 % from the publication. Your daily life span will be change when you comprehensive reading this article book.

-- **Althea Aufderhar**

This is actually the very best pdf i actually have study till now. I am quite late in start reading this one, but better then never. You will like just how the author publish this ebook.

-- **Junior Lesch**