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A Textbook of Engineering Mathematics Sem-I (Rajasthan Technical University, Kota)

By Anita Bagora, N.P. Bali, Pushpa Bagora

Laxmi Publications Pvt. Ltd, 2009. Softcover. Book Condition: New. First edition. The underlying object of this book is to provide the readers with thorough understanding of topics included in the syllabus of `Engineering Mathematics-` I, for the first Semester (first year) programme of B.Tech. courses of Rajasthan Technical University, Kota. Primarily, though it will serve the purpose of students of other universities and several competitive examinations like IAS, IES, GATE etc. The salient features of the book are as follows: This exactly covers the prescribed syllabus of RTU. Its approach is explanatory and language is lucid and communicable. The exposition of the subject matter is systematic and the student are better prepared to solve the problems. All fundamentals of the included topics are explained with the help of illustrations. Unsolved exercises of multi-varieties have been given in a well-graded style to test your knowledge and skills acquired. All the answers have been checked and verified. Contents: 1. Asymptotes 2. Curvature 3. Curve Tracing 4. Partial Differentiation 5. Maxima and Minima 6. Rectification 7. Volumes and Surfaces of Solids of Revolution 8. Double Integrals 9. Beta, Gamma Functions 10. Differential Equations of First Order 11. Linear Differential Equations of Higher Order with...



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