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Engineering Mathematics for WBUT

By S.S. Sastry

PHI Learning 0. Softcover. Book Condition: New. First edition. (According to West Bengal University of Technology Syllabus) Primarily intended to serve as a basic text for students following introductory courses in all the branches of engineering, this volume will also be useful, as a reference text in applied mathematics, to engineers and scientists. This well-organized and comprehensive text covers the complete syllabus of West Bengal University of Technology (WBUT), West Bengal. The subject matter of the book is organized in two parts: Part 1 (For B.E., First semester students) Part 2 (For B.E., Second semester students) Part 1 includes comparison test, ratio test, Cauchy's root test and their related problems. It also provides a chapter on Three-Dimensional Geometry which covers elementary ideas of surfaces like sphere, right circular line and right circular cylinders, and equations in standard forms. Part 2 introduces the idea of a matrix and algebraic operations of matrices. Then it moves on to Gauss elimination process for solving a system of linear equations in three unknowns. It concludes with numerical differentiation and numerical integration. Key Features ? Numerous illustrative examples covering important models. ? Unsolved problems for practice at the end of each section. ? Answers to...

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