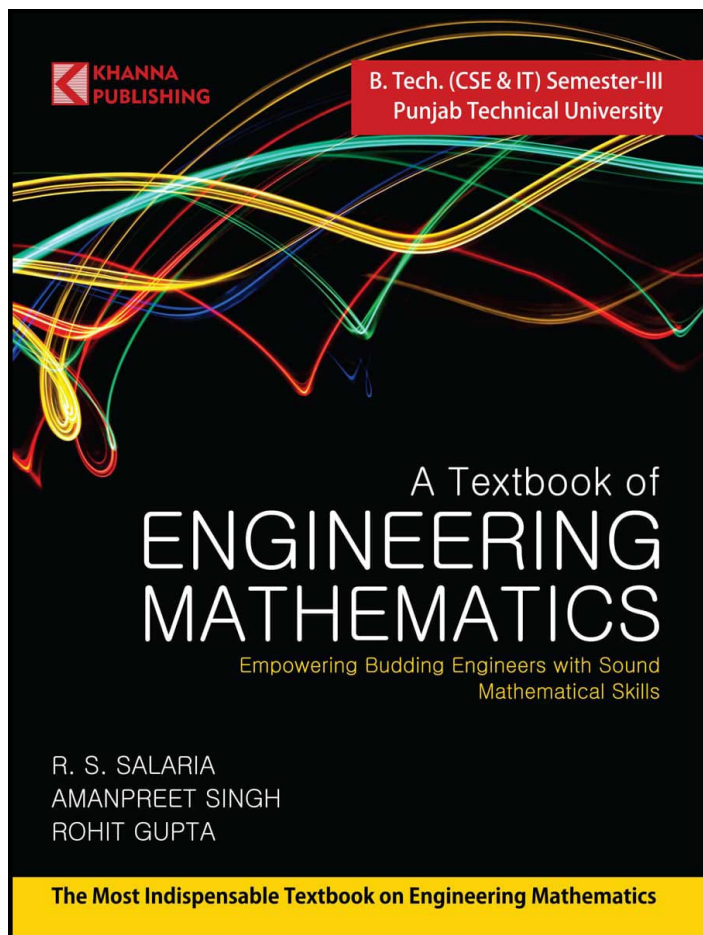




A Textbook of Engineering Mathematics

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Product Description

The subject of Engineering Mathematics is an integral part of the course curriculum of Bachelor of Engineering/Technology (BE/B. Tech) program of all Indian Universities. and is taught in first and/or second semester (s). The present state of teaching and learning of Mathematics is not that encouraging. A lot has to be done on both the fronts. The book in your hand is a first step of our commitment to uplift the standard of teaching and learning of Mathematics. We assure you that in our continuous journey in this endeavor and with your wholehearted support. We hope to make significant contribution in the teaching and learning of Mathematics. We hope to see that day when we hear from our students that Mathematics is a wonderful subject and you all are relishing it. This book is designed to serve as a textbook for the students of B. Tech.(CSE & IT) Semester-III of Punjab Technical University, Jalandhar. While writing, Due care is taken to present the subject matter in a simple and illustrative manner so that a reader can grasp it with quite ease and can built basic and conceptual knowledge in the subject.

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Chapter 2: Laplace Transformations.

Chapter 3: Partial Differential Equations.

Chapter 4: Functions of Complex Variables.

Chapter 5: Linear Systems and Eigen-Values.

Chapter 6: Numerical Solution of Ordinary Differential Equations.

Chapter 7: Probability Distributions.

Chapter 8: Sampling Distribution and Testing of Hypothesis.



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