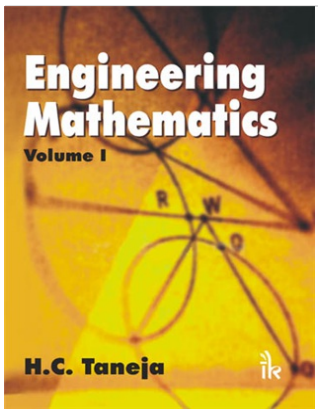
Book Information Sheet



Engineering Mathematics, 1/e

H C Taneja

2010 | 738 pp | Paperback | ISBN: 9789380578415 | Price: 495.00

About the Book

Engineering Mathematics (Volume I) has been primarily written for the first and second semester students of B.E./B.Tech level of various engineering colleges.

The book contains thirteen chapters covering topics on differential calculus, matrices, multiple integrals, vector calculus, ordinary differential equations, series solutions and special functions, Laplace transforms, Fourier series, Partial differential equations and applications. The self-contained text is applications oriented and contains a wide variety of examples, objective type questions and exercises.

Salient Features

Salient Features:

- Each topic is explained with the help of solved problems (432 various graded problems), and contains exercises for practice (detailed numerical solution and objective type questions).
- Proofs of all theorems have been given in a detailed manner.
- Provides basic data and formulae, Bessel functions of first kind of order zero and order one, and Laplace equation in polar coordinates in the appendices.

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About the Author

H C Taneja :- is Professor and Head, Department of Applied Mathematics, Delhi Technological University, New Delhi. He has vast experience of teaching both mathematics and statistics at UG and PG level to science & engineering students. He has published a number of research papers in journals of international repute, and also has authored a textbook Statistical Methods for Engineering Students. His research interests include Information Theory, Univalent Functions and Applications of Stochastic Processes.