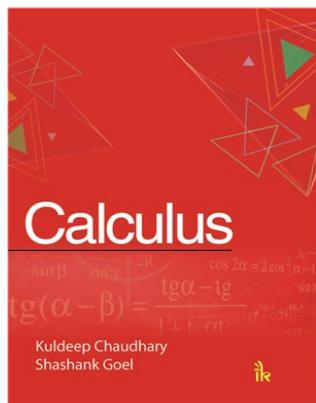


Calculus

Kuldeep Chaudhary & Shashank Goel



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About the Book

Calculus is a fundamental topic of Mathematics and rich in applications. This book will be useful in preparing for various competitive examinations. The book uses a simple language so that the students do not have any difficulty in understanding the content. Each chapter contains the requisite theory as well as a fairly large number of solved examples, along with graphs. There are a plenty of problems given at the end of each chapter, for practice. Many of the problems have been selected from various university examination papers. To cater to the specific needs of the students, a chapter on practical lab using Mathematica software discussing plotting of various types of graphs, calculating of derivatives of functions and plotting of its derivatives etc. - has also been added in the book.

Salient Features

- Topics in this book are profusely illustrated with explanatory and easy to reproduce diagrams.
- The derivations are clear and complete and are presented in a step by step manner.
- Every chapter contains complete theory with large number of solved examples along with graphs.
- Sketching of parametric curve, polar curve and conics are illustrated with graphs.
- Calculus is popular due to its applications in different areas so, a specific attention has been taken throughout to illustrate how and where the results can be applied.

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