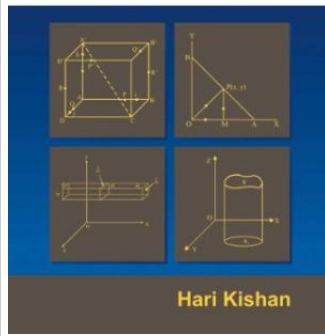


Vector Algebra and Calculus



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By Hari Kishan

Atlantic Publishers & Distributors Pvt. Ltd., New Delhi, 2013. Soft cover. Book Condition: New. The present book aims at providing a detailed account of the basic concepts of vectors that are needed to build a strong foundation for a student pursuing career in mathematics. These concepts include? Addition and Multiplication of vectors by Scalars, Centroid, Vector Equations of a Line and a Plane and their application in Geometry and Mechanics, Scalar and Vector product of two vectors, Differential and Integration of vectors, Differential Operators, Line Integrals, and Gauss's and Stokes's Theorems. It is primarily designed for B.Sc and B.A. Courses, elucidating all the fundamental concepts in a manner that leaves no scope for illusion or confusion. The numerous high-graded solved examples provided in the book have been mainly taken from the authoritative textbooks and question papers of various university and competitive examinations which will facilitate easy understanding of the various skills necessary in solving the problems. In addition, these examples will acquaint the readers with the type of questions usually set at the examinations. Furthermore, practice exercises of multiple varieties have also been given, believing that they will help in quick revision and in gaining confidence in the understanding...

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