

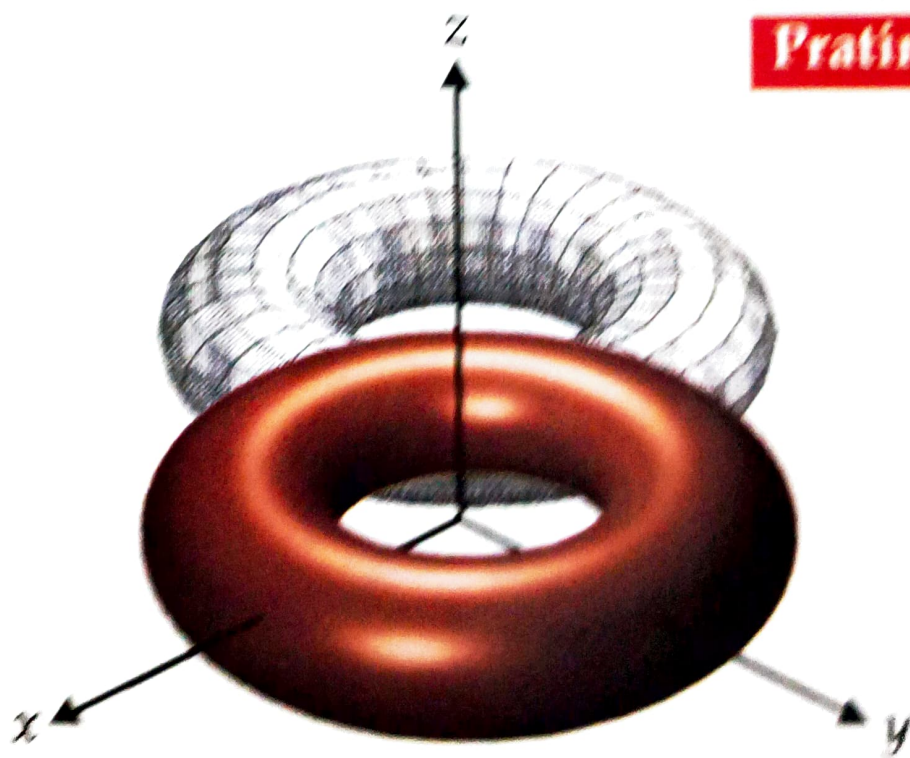
Based on Latest CBCS Pattern

Calculus and Geometry

Dinesh Khattar

Raj Kumar

Pratima Negi



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$x(u, v) = (a + b \cos v) \cos u, y(u, v) = (a + b \cos v) \sin u, z(u, v) = b \sin v$

Calculus and Geometry

About the Book

This book has been written with the intention of providing an introduction to Calculus and Geometry for undergraduate students of B.Sc. Programme courses enrolled under **Choice Based Credit System (CBCS)** of Delhi University. The text, developed by the authors having long teaching experience, provides a clear exposition of essential tools to keep in mind the nature of the subject.

Some salient features of the book are :

- It is written with the firm conviction that a good book is one that can be read with minimum guidance.
- Contains more than the usual number of solved examples, followed by properly graded exercises for better understanding of concepts.
- Basic concepts and useful information has been given in the beginning of each topic.
- Many examples and unsolved problems have been taken from recent examination papers so that the student can have a fair idea of examination pattern.

About the Authors

DINESH KHATTAR, PhD, an alumnus of Hindu College, is Principal, Kirori Mal College, University of Delhi. He is a topper (Gold Medalist) in his B.Sc. exams. He received Dr. S. Radhakrishnan Memorial National Teachers Award 2015 for the contribution in the field of education. He has also been awarded prestigious Commonwealth Scholarship for pursuing research in UK. He is actively involved in research and presented research papers in prestigious international conferences across several countries. Dr. Khattar has been a member of curriculum development committee for B.Sc. and M.Sc. programmes in various universities including University of Delhi. He is also an author of many books on Mathematics.

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ISBN 938637607-5



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