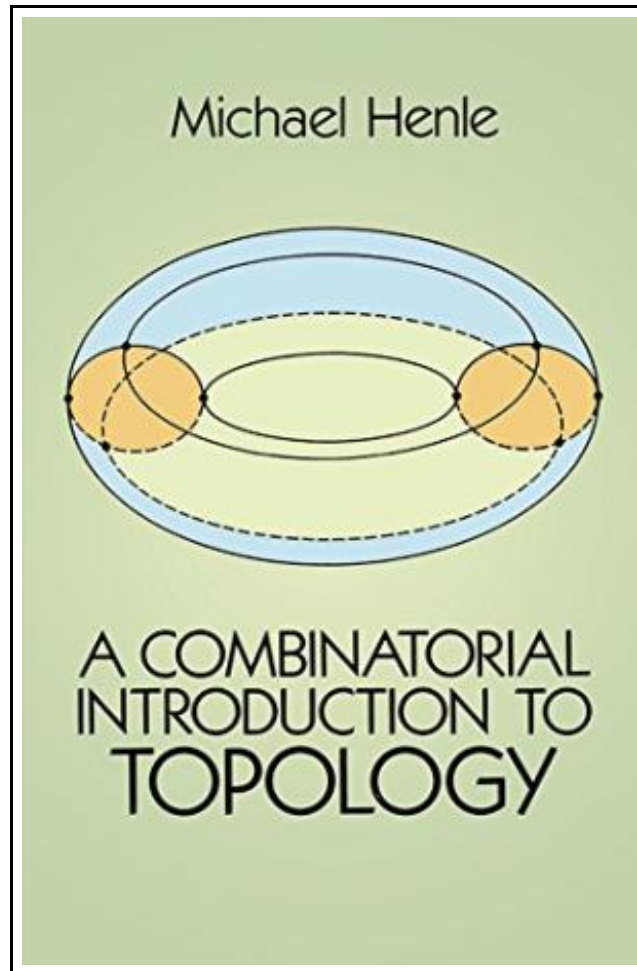# A Combinatorial Introduction to Topology Dover Books on Mathematics

Filesize: 8.38 MB

Reviews

I actually started off looking at this pdf. It is one of the most amazing pdf i have got read. Once you begin to read the book, it is extremely difficult to leave it before concluding.
(Milford Donnelly)

A COMBINATORIAL INTRODUCTION TO TOPOLOGY DOVER BOOKS ON MATHEMATICS

Dover Publications. Paperback. Book Condition: New. Paperback. 310 pages. Dimensions: 8.3in. x 5.4in. x 0.7in.The creation of algebraic topology is a major accomplishment of 20th-century mathematics. The goal of this book is to show how geometric and algebraic ideas met and grew together into an important branch of mathematics in the recent past. The book also conveys the fun and adventure that can be part of a mathematical investigation. Combinatorial topology has a wealth of applications, many of which result from connections with the theory of differential equations. As the author points out, Combinatorial topology is uniquely the subject where students of mathematics below graduate level can see the three major divisions of mathematics analysis, geometry, and algebra working together amicably on important problems. To facilitate understanding, Professor Henle has deliberately restricted the subject matter of this volume, focusing especially on surfaces because the theorems can be easily visualized there, encouraging geometric intuition. In addition, this area presents many interesting applications arising from systems of differential equations. To illuminate the interaction of geometry and algebra, a single important algebraic tool homology is developed in detail. Written for upper-level undergraduate and graduate students, this book requires no previous acquaintance with topology or algebra. Point set topology and group theory are developed as they are needed. In addition, a supplement surveying point set topology is included for the interested student and for the instructor who wishes to teach a mixture of point set and algebraic topology. A rich selection of problems, some with solutions, are integrated into the text. This item ships from multiple locations. Your book may arrive from Roseburg,OR, La Vergne,TN. Paperback.

- Read A Combinatorial Introduction to Topology Dover Books on Mathematics Online
- Download PDF A Combinatorial Introduction to Topology Dover Books on Mathematics

Other Books

DK Readers Animal Hospital Level 2 Beginning to Read Alone

DK CHILDREN. Paperback. Book Condition: New. Paperback. 32 pages. Dimensions: 8.9in. x 5.8in. x 0.1in.This Level 2 book is appropriate for children who are beginning to read alone. When Jack and Luke take an injured...

Download Book »

DK Readers Invaders From Outer Space Level 3 Reading Alone

DK CHILDREN. Paperback. Book Condition: New. Paperback. 48 pages. Dimensions: 8.9in. x 5.9in. x 0.1in.Are aliens from other planets visiting Earth Read these amazing stories of alien encounters -- and make up your own mind!...

Download Book »

DK Readers Day at Greenhill Farm Level 1 Beginning to Read

DK CHILDREN. Paperback. Book Condition: New. Paperback. 32 pages. Dimensions: 8.8in. x 5.7in. x 0.2in.This Level 1 book is appropriate for children who are just beginning to read. When the rooster crows, Greenhill Farm springs...

Download Book »

DK Readers Disasters at Sea Level 3 Reading Alone

DK CHILDREN. Paperback. Book Condition: New. Paperback. 32 pages. Dimensions: 8.8in. x 5.7in. x 0.2in.From fog, ice, and rocks to cannon fire and torpedo attacks--read the story of five doomed sea voyages and the fate...

Download Book »

DK Readers Robin Hood Level 4 Proficient Readers

DK CHILDREN. Paperback. Book Condition: New. Nick Harris (illustrator). Paperback. 48 pages. Dimensions: 8.4in. x 5.7in. x 0.2in.Discover the rollicking exploits of Robin and his merry men as they take from the rich and give...

Download Book »