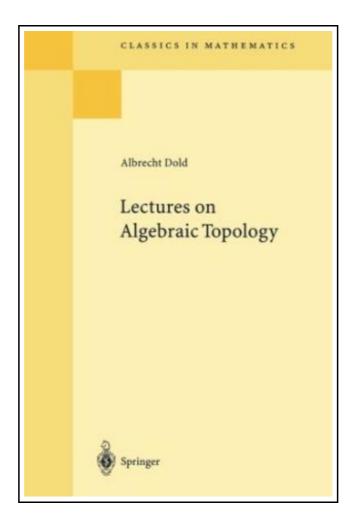
Lectures on Algebraic Topology



Filesize: 3.71 MB

Reviews

Complete guide for ebook fans. Better then never, though i am quite late in start reading this one. Your life span will likely be convert when you full reading this ebook.

(Dr. Teagan Beahan Sr.)

LECTURES ON ALGEBRAIC TOPOLOGY



To download **Lectures on Algebraic Topology** eBook, please access the button below and download the document or get access to additional information that are related to LECTURES ON ALGEBRAIC TOPOLOGY book.

Book Condition: New. Publisher/Verlag: Springer, Berlin | Springer-Verlag began publishing books in higher mathematics in 1920, when the series Grundlehren der mathematischen Wissenschaften, initially conceived as a series of advanced textbooks, was founded by Richard Courant. A few years later, a new series Ergebnisse der Mathematik und Ihrer Grenzgebiete, survey reports of recent mathematical research, was added.Of over 400 books published in these series, many have become recognized classics and remain standard references for their subject. Springer is reissueing a selected few of these highly successful books in a new, inexpensive softcover edition to make them easily accessible to younger generations of students and researchers. | I Preliminaries on Categories, Abelian Groups, and Homotopy.-1 Categories and Functors.-2 Abelian Groups (Exactness, Direct Sums, Free Abelian Groups).-3 Homotopy.- II Homology of Complexes.-1 Complexes.-2 Connecting Homomorphism, Exact Homology Sequence.-3 Chain-Homotopy.-4 Free Complexes.- III Singular Homology.-1 Standard Simplices and Their Linear Maps.-2 The Singular Complex.-3 Singular Homology.-4 Special Cases.-5 Invariance under Homotopy.-6 Barycentric Subdivision.-7 Small Simplices. Excision.-8 Mayer-Vietoris Sequences.- IV Applications to Euclidean Space.-1 Standard Maps between Cells and Spheres.-2 Homology of Cells and Spheres.-3 Local Homology.-4 The Degree of a Map.-5 Local Degrees.-6 Homology Properties of Neighborhood Retracts in ?n.-7 Jordan Theorem, Invariance of Domain.-8 Euclidean Neighborhood Retracts (ENRs).- V Cellular Decomposition and Cellular Homology.-1 Cellular Spaces.-2 CW-Spaces.-3 Examples.-4 Homology Properties of CW-Spaces.-5 The Euler-Poincaré Characteristic.-6 Description of Cellular Chain Maps and of the Cellular Boundary Homomorphism.-7 Simplicial Spaces.-8 Simplicial Homology.- VI Functors of Complexes.-1 Modules.-2 Additive Functors.-3 Derived Functors.-4 Universal Coefficient Formula.-5 Tensor and Torsion Products.-6 Horn and Ext.-7 Singular Homology and Cohomology with General Coefficient Groups.-8 Tensorproduct and Bilinearity.-9 Tensorproduct of Complexes. Künneth Formula.-10 Horn of Complexes. Homotopy Classification of Chain Maps.-11 Acyclic Models.-12 The Eilenberg-Zilber Theorem. Kunneth Formulas for Spaces.- VII Products.-1 The Scalar Product.-2 The Exterior Homology Product.-3 The...



Read Lectures on Algebraic Topology Online Download PDF Lectures on Algebraic Topology

You May Also Like



[PDF] Environments for Outdoor Play: A Practical Guide to Making Space for Children (New edition)

Access the web link beneath to download and read "Environments for Outdoor Play: A Practical Guide to Making Space for Children (New edition)" document.

Save Book »



[PDF] TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(Chinese Edition)

Access the web link beneath to download and read "TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(Chinese Edition)" document.

Save Book »



[PDF] Read Write Inc. Phonics: Set 7 Non-Fiction 3 the Ice and Snow Book (Paperback)

Access the web link beneath to download and read "Read Write Inc. Phonics: Set 7 Non-Fiction 3 the Ice and Snow Book (Paperback)" document.

Save Book »



[PDF] Edge] the collection stacks of children's literature: Chunhyang Qiuyun 1.2 --- Children's Literature 2004(Chinese Edition)

Access the web link beneath to download and read "Edge] the collection stacks of children's literature: Chunhyang Qiuyun 1.2 --- Children's Literature 2004(Chinese Edition)" document. Save Book »



[PDF] Grandpa Spanielson's Chicken Pox Stories: Story #1: The Octopus (I Can Read Book 2)

Access the web link beneath to download and read "Grandpa Spanielson's Chicken Pox Stories: Story #1: The Octopus (I Can Read Book 2)" document.

Save Book »



[PDF] Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications. (Paperback)

Access the web link beneath to download and read "Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications. (Paperback)" document.

Save Book »