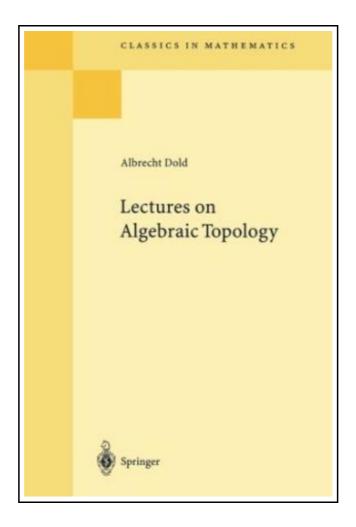
Lectures on Algebraic Topology



Filesize: 8.06 MB

Reviews

The ebook is straightforward in go through preferable to recognize. It typically does not charge too much. Its been designed in an exceptionally straightforward way and it is just following i finished reading this book where basically altered me, affect the way i really believe.

(Dr. Reta Murphy)

LECTURES ON ALGEBRAIC TOPOLOGY



To save **Lectures on Algebraic Topology** eBook, remember to follow the button under and download the document or have accessibility to additional information that are highly relevant to LECTURES ON ALGEBRAIC TOPOLOGY ebook.

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)

Follow the link below to download "Environments for Outdoor Play: A Practical Guide to Making Space for Children (New edition)" PDF document.

Save eBook »



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

Follow the link below to download "Read Write Inc. Phonics: Set 7 Non-Fiction 3 the Ice and Snow Book" PDF document.

Save eBook »



[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)

Follow the link below to download "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)" PDF document.

Save eBook »



[PDF] On Becoming Baby Wise, Book Two: Parenting Your Five to Twelve-Month Old Through the Babyhood Transition

Follow the link below to download "On Becoming Baby Wise, Book Two: Parenting Your Five to Twelve-Month Old Through the Babyhood Transition" PDF document.

Save eBook »



[PDF] Baby Friendly San Francisco Bay Area New Parent Survival Guide to Shopping Activities Restaurants and Moreb by Elysa Marco 2005 Paperback

Follow the link below to download "Baby Friendly San Francisco Bay Area New Parent Survival Guide to Shopping Activities Restaurants and Moreb by Elysa Marco 2005 Paperback" PDF document.

Save eBook »



[PDF] Childrens Educational Book Junior Vincent van Gogh A Kids Introduction to the Artist and his Paintings. Age 7 8 9 10 year-olds SMART READS for . - Expand Inspire Young Minds Volume 1

Follow the link below to download "Childrens Educational Book Junior Vincent van Gogh A Kids Introduction to the Artist and his Paintings. Age 7 8 9 10 year-olds SMART READS for . - Expand Inspire Young Minds Volume 1" PDF document.

Save eBook »