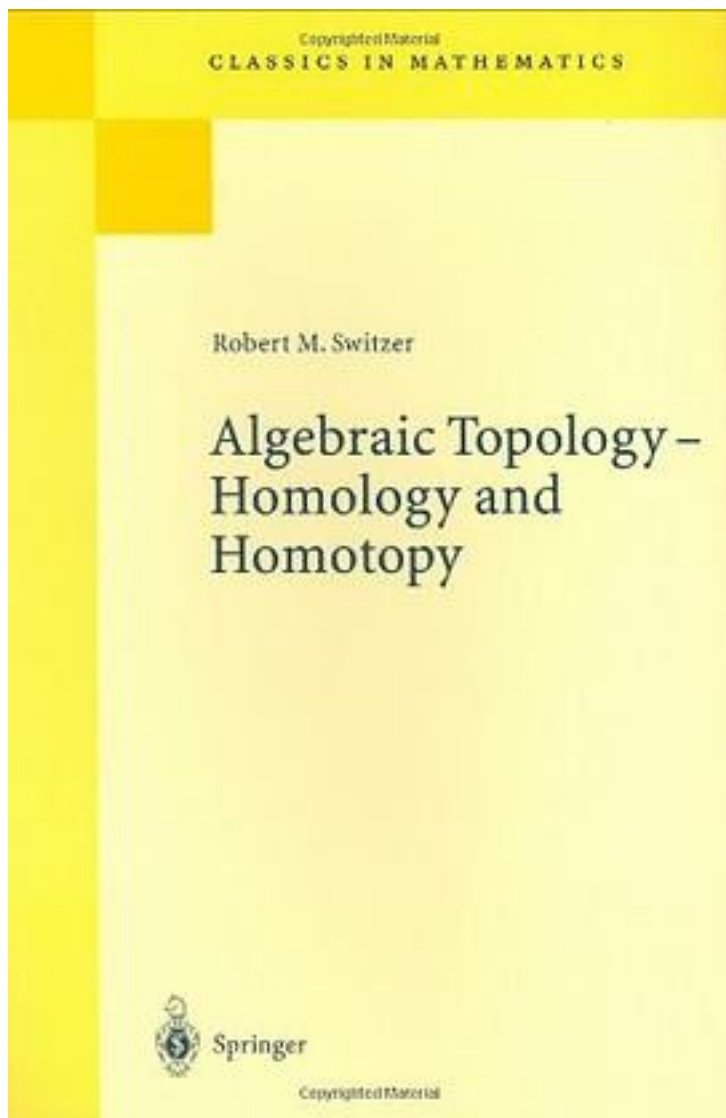


# Algebraic Topology



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著者:Edwin H. Spanier

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Intended for use both as a text and a reference, this book is an exposition of the fundamental ideas of algebraic topology. The first third of the book covers the fundamental group, its definition and its application in the study of covering spaces. The focus then turns to homology theory, including cohomology, cup products, cohomology operations, and topological manifolds. The remaining third of the book is devoted to Homotopy theory, covering basic facts about homotopy groups, applications to obstruction theory, and computations of homotopy groups of spheres. In the later parts, the main emphasis is on the application to geometry of the algebraic tools developed earlier.

作者介绍:

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## 标签

数学

拓扑学

代数拓扑

## 评论

代数味很浓，证明很好读，好书。适合作为代数拓扑的入门，但要搭配一本强调几何直觉的书。

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