

<<同调代数>>

图书基本信息

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内容概要

本书是数学发展史上的一个里程碑，在很长一段时间，这是唯一一本讲述拓扑代数的教程。

这本书堪称是一部同调代数经典，1956年初版，至今已有七次重印出版。

这本书曾在纯代数领域引起过不小的轰动，作者企图将这个领域统一起来，并且为这个领域构建一个完整的框架。

书中讲述的同调理论包含了群、李代数和结合代数上同调结构，大量的结果都包括在一般框架之中，但每个结果都有不同的讲述方式，并且每个理论的特殊性质都给出了具体的讲述。

本书以环上的模作为出发点，基本计算有二模张量积，以及一个模到其他模的全部同态群。

函子和导出函子也是自然而然的进行了讲述。

目次：环和模；加性函数；卫星；同调；导出函子； u 和 hom 的导出函子；积分域；增广环；结合代数；补充代数；乘积；有限群；李代数；扩张；谱序列；谱序列应用；超拓扑。

读者对象：数学、代数拓扑专业的学生，教师及相关专业的读者。

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编辑推荐

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