<<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。

读者报对象:数学、代数拓扑专业的的学生,教师及相关专业的读者。

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