

## <<退化抛物方程>>

### 图书基本信息

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### 内容概要

数学真正意义上研究退化和奇异抛物偏微分方程是近些年才开始的，起源于60年代中叶DeGiorgi , Moser , Ladyzenskajia和Ural ' tzeva这些人的工作。

本书是近些年来该领域的进展的综述。

其基本思想来自上个世纪90年代作者在波恩大学的Lipschitz讲义。

目次：函数空间；弱解和局部能量估计；退化抛物方程的Holder连续性；奇异抛物方程解的Holder连续性；弱解有界性；Harnack 估计 : p]2 ; Harnack 估计和；退化和奇异抛物系统；抛物p系统 : Du 的Holder连续性；抛物p系统：边界奇异； T中的非负解 : p]2 ; T中的非负解 : 1[p[2。

本书适用于数学专业的研究生和科研人员。

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