

<<变分分析>>

图书基本信息

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作者：R. Tyrrell Rockafellar, Roger J-B Wets

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内容概要

本书从该理论的最初起源—积分函数的最小化开始, 对该理论做了较深的讨论。变分观点的发展很大程度上和优化、平衡、控制这些理论是紧密相关的。书中在一个统一的框架之中, 全面讲述了经典分析和凸分析之外的变分几何和次微积分知识。也讲述了集收敛、集值映射和epi收敛、对偶和正则被积函数。

目次: 最大和最小; 凸性; 柱体; 集合凸性; 集值映射; 变分几何; 上境图极限; 次梯度和次导数; Lipschitzian性质; 次微积分; 对偶化; 单调映射; 二阶理论; 可测性。

读者对象: 数学专业的研究生、老师和相关的科研人员。

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