

<<经济生态与环境科学中的数学模>>

图书基本信息

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内容概要

《经济、生态与环境科学中的数学模型（影印版）》涵盖各种著名模型：经典模型（如柯布一道格拉斯生产函数模型，列昂惕夫投入产出分析，Verhulst-Pearl和Lotka-Volterra种群模型，等等）、世界动力学模型、切尔诺贝利核泄漏之后的水污染传播模型。

本书采用独特的块-块模式进行模型分析，阐明如何通过描述基本实际过程的单个部分（块）建立这些模型，为实用模型的设计提供理论洞察。

《经济、生态与环境科学中的数学模型（影印版）》特别讨论了环境影响下的区域经济—生态相互作用和技术变革的层次型建模。

《经济、生态与环境科学中的数学模型（影印版）》还论述某些数学论题，如离散和连续模型、微分积分方程、优化和分支分析及其他相关问题。

本书在内容上是自含的，适合初学者使用，其精良题材适用于研究生的数学模型课程。

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编辑推荐

《经济、生态与环境科学中的数学模型(影印版)》适合研究生、广大数学工作者及其他科研人员阅读

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