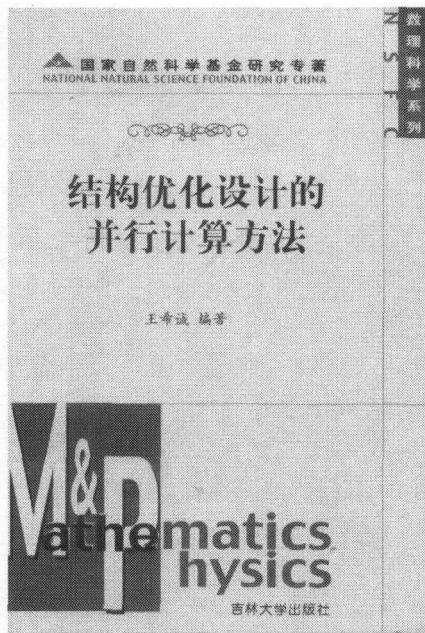


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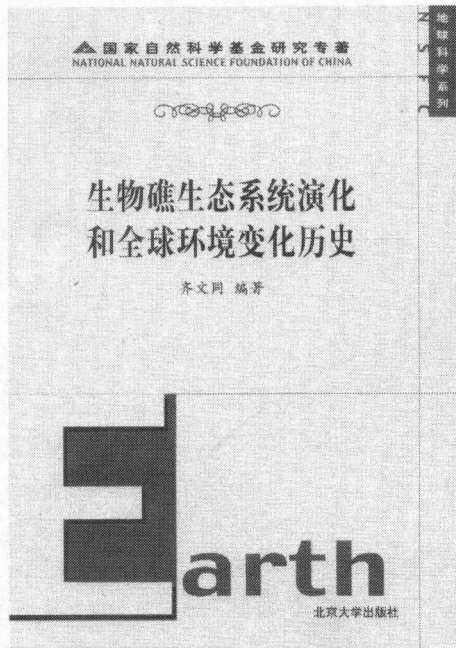
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本书系统地介绍了结构优化设计的并行计算原理与方法, 概述了并行计算系统的最新发展, 并着重论述建立并行算法的新思路 and 技巧。

全书共 9 章, 主要包括并行计算的基本概念与原理; 结构优化设计的基本理论与算法; 与结构优化相关的矩阵运算、有限差分、有限元、数学规划、结构分析和灵敏度分析的并行计算方法等内容。

本书可供从事结构分析与优化设计及大型科学与工程计算的科技人员、大专院校的教师和研究生使用, 也可供相关专业的技术人员参考。

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《生物礁生态系统演化和全球环境变化历史》

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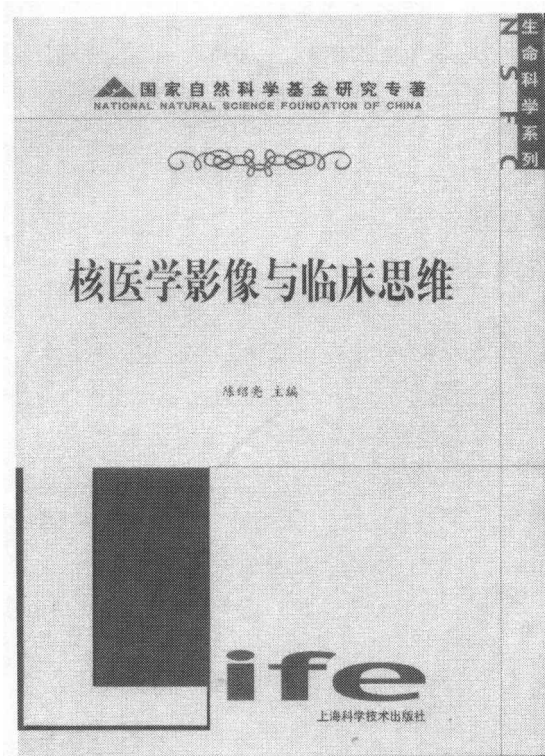
本书系统阐述世界上生物礁的时代分布、兴衰、消失和再发育的历史过程, 以及生物礁群落和生态系统的演化历史, 追溯生物礁特别是造礁生物的兴衰绝灭与全球环境变化之间的密切关系和相互作用的历程, 为深入研究全球变化的历史和规律, 恢复地质历史时期地球系统中的生物圈、水圈、大气圈及岩石圈等各个层圈之间的相互作用提供新的资料. 本书概念明确, 文字浅显, 图文并茂, 便于读者阅读和掌握.

本书以关心环境保护问题和全球环境变化的教学和科学研究人员为主要读者对象, 并且可以供有关部门的领导、实际工作者和广大青年读者阅读和使用.

由以上各实验结果可知, r-hLH 对于卵泡发育、卵母细胞成熟及其质量存在着显著的影响, 并且上述各影响多作用于卵泡期的中、后期. r-hCG 与 r-hLH 虽具有高度同源性和相同的细胞内受体, 但两者在细胞内的具体作用机制及方式上存在着一定差异, 两者的混合使用可表现为对于卵泡发育和雌、雄激素合成过程的促进或抑制作用. 提示了今后将促性腺激素应用于治疗和超排技术中时应注意的问题.

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