

<<纳米力学与材料>>

图书基本信息

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内容概要

合成与分析纳米物质特性的能力取得了革命性的进展，广泛应用于生物医学、机械、电子、精密材料以及军事工程等领域。

纳米力学是研究和描述单个原子、系统和结构在各种载荷条件下响应的机械行为特性的学科，它的发展促进了该技术的进步。

尤其是多尺度建模方法，它可以使此领域的工程师更好的理解微纳米材料。

本书由该领域内资深专家撰写，对纳米力学和材料的基本概念进行了介绍，侧重于多重尺度建模方法和技术的研究。

本书内容包括：分子力学基础，微粒系统、晶格机械及现代多尺度建模理论等。

本书是一本相关领域电子工程师、材料科研工作者开发微纳米材料应用的全面的指南，同时也可作为微纳米力学和微纳米技术专业研究生的参考书。

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