

<<计算物理>>

图书基本信息

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内容概要

普渡大学的Nicholas J. Giordano 和Hisao Nakanishi具有多年的科研和教育经验，所著的本书是计算物理领域的一本优秀教材。

它紧扣一些非常基本但难以解析求解的物理问题逐步展开，围绕各个物理学专题介绍了物理学研究中各种基本的计算机数值模拟方法，深入浅出地讨论其理论基础和实际应用，着重于解决实际物理问题的基本数值方法。

这样可以使读者通过学习，对物理学中应用的主要计算技术有一个全面的了解，从而具有利用计算机进行数值计算解决复杂体系物理问题的能力。

本书包含了很多物理学专题，方便教师在教学内容及其深度的选择方面有较大的灵活性。

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