

<<量子化学>>

图书基本信息

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内容概要

《量子化学(第3版)》在写作风格上是第二版的延续，内容上进行了扩充，更新，讲解上更加详细。

结合数学最新进展，在概念上达到清晰易懂。

和同类型的书相比，这本书的最大优点是概念讲述地十分透彻，让读者重新认识各种计算方法的重要性。

每章末都有习题，是学习量子化学研究生水平入门书籍，也很适合该专业的老师作为参考书。

目次：经典波和时间独立schrödinger波方程；一些简单系统的量子力学；谐振子；类离子，角动量和刚量转动；多电子原子；量子力学定理和假设；变分法；简单hückel方法和应用；线性变分法的矩阵公式；扩展hückel方法；scf-lcao-mo方法和扩展；时间独立rayleigh-schrödinger扰动法；群论；定性分子轨道理论；周期系统的分子轨道。

读者对象：物理、化学以及这两专业交叉学科的研究生，教师和科研人员。

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