

<<软物质物理学>>

图书基本信息

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内容概要

本书各个章节由工作在该领域的知名学者分别撰写，书中介绍了软物质物理的基本概念，涵盖了微滴、分形体系、胶体、表面活性剂及其在稀溶液中形成的胶束和膜、聚合物的合成及其物性、聚合物溶液、液晶等各种软物质体系。

本书是第一本把这些初看似乎没有共性，但又具有相同的特征尺度、能量转移以及对外场响应的软物质体系放在一起讲述的书籍。

正如de Gennes在本书序言中所说，本书没有高深的理论，而是通过简单的具体实例，讲述实验与物理概念的关系。

这些实例包括我们日常生活中所常见的洗涤剂、橡胶、乳状液、塑料、悬浮液中的颗粒等等。

因此，这是一本深入浅出的导论性书籍，它面向的读者群为物理学、化学、生物、材料等学科的研究生、教师和科研工作者。

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