

## <<分子间和表面力>>

### 图书基本信息

书名：<<分子间和表面力>>

13位ISBN编号：9787510042799

10位ISBN编号：7510042798

出版时间：2012-3

出版公司：世界图书出版公司

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页数：674

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### 内容概要

本书是一部讲述各种分子间作用力和粒子间作用力在决定液气固三态中性之中的重要作用，特别强调了胶状复合体和聚合物、和生物体系。

书中全面详细透彻地讲述了分子间作用力的基本理论和概念，可以让学生和老师更加清楚地认识到在特定系统中那种力是最主要的，并且明确了如何去控制这些力。

这是第三版，较原来的版本做了不少更新，内容扩展至三大部分，并且新增加了五章。

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## 章节摘录

版权页：插图： Much of the published literature and equations on intermolecular and surface forces are based on the CGS system of units . In this book the Syst è me International ( SI ) is used . In this system the basic units are the kilogram ( kg ) for mass , the meter ( m ) for length , the second ( s ) for time . the kelvin ( K ) for temperature , the amp è re ( A ) for electrical quantities , and the mole ( mol ) for quantity of mass . Some old units such as gramme ( 19m = 1g = 10<sup>-3</sup> kg ) , centimeter ( 1 cm = 10<sup>-2</sup>m ) , ( a ) ngstrom ( 1 ( A ) = 10<sup>-10</sup> m ) and degree centigrade ( ) are still commonly used , although they are not part of the SI system . The SI system has many advantages over the CGS , not least when it comes to forces . For example , force is expressed in newtons ( N ) without reference to the acceleration due to the earth ' s gravitation . which is implicit in some formulae based on the CGS system . Note that units , prefixes , words , and abbreviations are usually unitalicized—that is , in text format ( e . g . , J , K , m , N , volts V ) , whereas variables are italicized ( e . g . , stiffness K , mass m , number N , maximum number N<sub>max</sub> , velocity or volume V ) .

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### 编辑推荐

《分子间和表面力(第3版)》是一部讲述各种分子间作用力和粒子间作用力在决定液气固三态中性之中的重要作用，特别强调了胶状复合体和聚合物、和生物体系。

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