



Colloids , Drops and Cells

By Cheng Zhengdong & He Liquan

China Science and Technology University Press, 2009. Soft cover. Book Condition: New. 185*260mm. Preface to the USTC Alumnis Series Preface Chapter 1 What Are Colloids? 1.1 Colloids and the atoms; counting the atoms 1.2 Micro-rheology Probe the material properties at microscopic level 1.3 Laser tweezers; Apply external force to nanoparticles 1.4 Colloids 1.4.1 Miniature of the physical world and tangible .models of the atomic world 1.4.2 Intelligent" colloids Chapter 2 Colloids and Phase Transitions 2.1 The hard sphere model 2.1.1 The van der Waals picture of fluids 2.1.2 Close packing of spheres as the principle of crystal structure 2.1.3 Hard sphere model for disorder-order transition 2.2 Model colloidal hard sphere systems 2.2.1 Minimizing van der Waals interaction by refractive index matching 2.2.2 Stabilization 2.2.3 Model Colloidal Hard Spheres 2.3 Properties of hard sphere dispersions 2.3.1 Phase behavior 2.3.2 Equation of state continuing Perrins measurement at higher concentrations; 2.3.3 Rheology of the fluid and metastable fluid states 2.3.4 Crystal structures 2.3.5 Crystallization kinetics 2.4 Colloids in space 2.4.1 Surprising observations 2.4.2 Crystallization kinetics 2.5 Confocal Imaging; Catch the critical nucleus 2.6 How well do we understand nucleation? 2.7 Applications of colloidal crystals 2.8 Single crystal growth in a...

DOWNLOAD



READ ONLINE

[5.17 MB]

Reviews

The most effective book i ever read through. it had been written quite flawlessly and valuable. I am just happy to let you know that here is the very best publication i have got read through during my individual daily life and may be the greatest pdf for ever.

-- Prof. Adonis Rodriguez

Comprehensive information for publication fans. I have got read and i am confident that i am going to likely to go through once again once again in the foreseeable future. I am just very happy to let you know that this is actually the greatest book i have read in my very own existence and could be the finest book for at any time.

-- Clair Windler

Related PDFs



TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2005-09-01 Publisher: Chinese children before making Reading: All books are the Youth Pre-employment Training software download generated pictures...



Read Write Inc. Phonics: Purple Set 2 Non-Fiction 4 What is it?

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. 215 x 108 mm. Language: N/A. Brand New Book. These decodable non-fiction books provide structured practice for children learning to read. Each set of books is carefully levelled to match childrens growing...



Read Write Inc. Phonics: Purple Set 2 Non-Fiction 1 Hens

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. 200 x 172 mm. Language: N/A. Brand New Book. These decodable non-fiction books provide structured practice for children learning to read. Each set of books is carefully levelled to match childrens growing...



Read Write Inc. Phonics: Blue Set 6 Non-Fiction 1 Save the Whale

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. 185 x 72 mm. Language: N/A. Brand New Book. These decodable non-fiction books provide structured practice for children learning to read. Each set of books is carefully levelled to match childrens growing...



Read Write Inc. Phonics: Purple Set 2 Non-Fiction 3 a Pet Goldfish

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. 129 x 112 mm. Language: N/A. Brand New Book. These decodable non-fiction books provide structured practice for children learning to read. Each set of books is carefully levelled to match childrens growing...



TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (3-5 years) Intermediate (3)(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2005-09-01 Publisher: Chinese children before making Reading: All books are the Youth Pre-employment Training software download generated pictures...