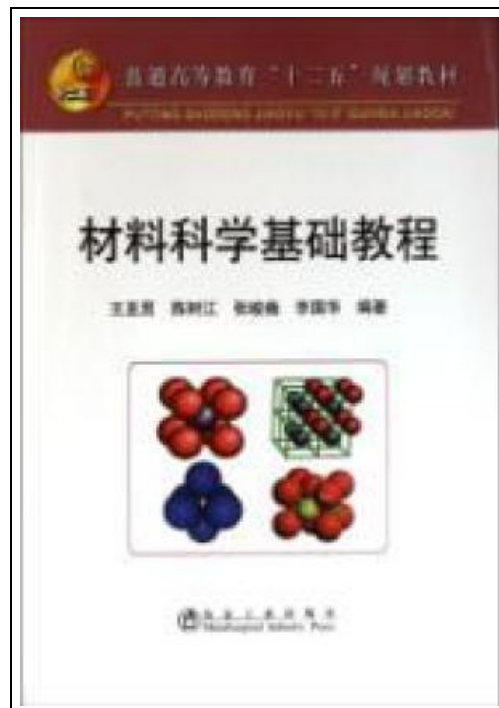


Materials science-based tutorials (general higher education teaching second Five)



Filesize: 3.4 MB

Reviews

Great e-book and helpful one. It usually fails to cost an excessive amount of. I discovered this publication from my dad and i encouraged this pdf to find out.
(Meagan Beahan)

MATERIALS SCIENCE-BASED TUTORIALS (GENERAL HIGHER EDUCATION TEACHING SECOND FIVE)



paperback. Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Pages Number: 245 Publisher: Metallurgical Industry Pub. Date :2011-08-01 version 1. Yanan and other materials science-based tutorial from the teaching requirements. focusing on the basic concepts of materials science and basic theory are described. The book is divided into eight chapters. including crystal structure. crystal structure. defects. diffusion in solids. solidification of pure metals. binary alloy phase diagram. ternary alloy phase diagram. the material deformation and recrystallization of metastable materials. Equipped with the right amount of exercise each chapter allow readers to learn. Materials Science-based tutorial 'for materials science and engineering a discipline-based undergraduate teaching use. and relevant professional engineering and technical personnel for reference. Contents: 1 1.1 crystal geometry-based crystal structure 1.1.1 crystal structure and space within the crystal lattice 1.1.2 1.1.3 macroscopic crystal of 32 symmetry point group symmetry and classification of micro-1.1.4 and 1.1.5. the crystal space group 1.1.6 The space lattice structure matrix representation of geometric elements 1.2 1.2.1 determine the ideal crystal structure of ionic crystal structure of the basic factors 1.2.2 1.2.3 crystal structure of a typical metal alloy ion crystal structure of the phase structure 1.2.4 Exercise 2 2.1 Point defects in the crystal structure defects point defects 2.1.1 defect reaction equation 2.1.2 Symbols and thermal defects (defects in the lattice position) 2.1.3 2.1.5 defect composed of point defects 2.1.4 charge calculated equilibrium concentration of defects 2.2 2.2 line defect. a wrong basic types and characteristics 2.2.2 2.2.3 dislocation Burgers vector of the surface movement 2.3 surface defects 2.3.1 2.3.3 2.3.2 grain boundary phase boundary diffusion in solids Problem 3 3.1 diffusion law and its application Fick's first law 3.1.1 3.1.2 3.1.3 Fick's second law solution of Fick's second law of diffusion and...



[Read Materials science-based tutorials \(general higher education teaching second Five\) Online](#)



[Download PDF Materials science-based tutorials \(general higher education teaching second Five\)](#)

Other eBooks

**Fun to Learn Bible Lessons Preschool 20 Easy to Use Programs Vol 1 by Nancy Paulson 1993 Paperback**

Book Condition: Brand New. Book Condition: Brand New.

[Read eBook »](#)

**My Grandma Died: A Child's Story About Grief and Loss**

Parenting Press,U.S. Paperback. Book Condition: new. BRAND NEW, My Grandma Died: A Child's Story About Grief and Loss, Lory Britain, Carol Deach, This gentle story is written for the very young. It uses simple, honest...

[Read eBook »](#)

**Learn em Good: Improve Your Child s Math Skills: Simple and Effective Ways to Become Your Child s Free Tutor Without Opening a Textbook**

Createspace, United States, 2010. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.From a certified teacher and founder of an online tutoring website-a simple and...

[Read eBook »](#)

**The Vacation Religious Day School; Teacher s Manual of Principles and Programs**

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can download...

[Read eBook »](#)

**The Healthy Lunchbox How to Plan Prepare and Pack Stress Free Meals Kids Will Love by American Diabetes Association Staff Marie McLendon and Cristy Shauck 2005 Paperback**

Book Condition: Brand New. Book Condition: Brand New.

[Read eBook »](#)