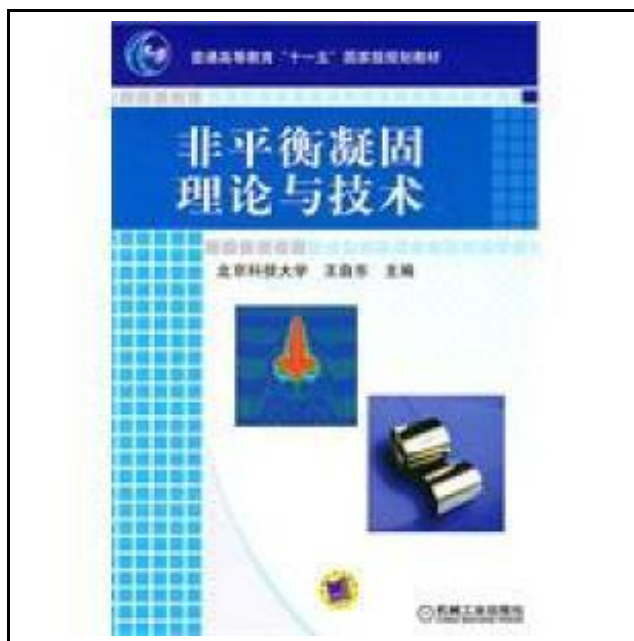


## Non-equilibrium solidification theory and technology (general higher education Eleventh Five-year national planning materials)



Filesize: 2.89 MB

### ***Reviews***

*This publication will be worth purchasing. It really is written in simple terms instead of difficult to understand. It has been designed in an exceptionally simple way and is particularly only right after I finished reading this ebook in which basically modified me, altered the way I believe.*

***(Prof. Loyce Runolfsson Jr.)***

## NON-EQUILIBRIUM SOLIDIFICATION THEORY AND TECHNOLOGY (GENERAL HIGHER EDUCATION ELEVENTH FIVE-YEAR NATIONAL PLANNING MATERIALS)



To save **Non-equilibrium solidification theory and technology (general higher education Eleventh Five-year national planning materials)** eBook, remember to refer to the button under and download the file or get access to other information which are in conjunction with NON-EQUILIBRIUM SOLIDIFICATION THEORY AND TECHNOLOGY (GENERAL HIGHER EDUCATION ELEVENTH FIVE-YEAR NATIONAL PLANNING MATERIALS) book.

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Pages Number: 211 Publisher: Machinery Industry Pub. Date :2011-05-01 version 1. Non-equilibrium solidification theory and technology for the general higher education Eleventh Five-Year national planning materials. including non-equilibrium solidification process basic theory. such as non-equilibrium solidification process and solidification. the undercooled melt solidification of the basic theory. basic theory of directional solidification and undercooled melt free dendritic growth theories; rapid solidification theory and technology; the physical basis of the formation of amorphous ; non-equilibrium solidification simulation and phase-field theory; non-equilibrium solidification technology and new materials. such as continuous casting. directional solidification. semi-solid casting technology. quasicrystalline materials. ceramic materials. metal nano-materials preparation technology. Non-equilibrium solidification theory and technology can be used as materials science and other professional institutions of higher learning undergraduate and graduate teaching. but also for research in the areas of metal solidification research officers. Written by Wang Zidong editor. Contents: Preface Chapter 1 and non-equilibrium solidification process of solidification of non-equilibrium solidification process 1.1 Basic Concepts 1.1.2 1.1.1 coagulation equilibrium and nonequilibrium non-equilibrium solidification 1.2 1.3 Typical conditions for the formation of non-equilibrium solidification 1.3. a continuous ingot solidification 1.3.3 Organization 1.3.2 Directional solidification of the impact of convection on thinking questions in Chapter 2 solidification of undercooled melt solidification process 2.1 the basic theory of mathematical physics model in the phase volume of 2.1.1 equations 2.1.2 2.2 interface conditions in supercooled melt nucleation growth of the asymptotic solution of the problem 2.2.1 2.2.2 2.3 solutions on time within the undercooled melt crystal growth interface stability ball 2.3.1 2.3.2 The ground state solution of the stability ball 2.4 crystal form interface convection cooling melt for the growth of spherulites thinking questions in Chapter 3 the basic theory...



**Read Non-equilibrium solidification theory and technology (general higher education Eleventh Five-year national planning materials) Online**



**Download PDF Non-equilibrium solidification theory and technology (general higher education Eleventh Five-year national planning materials)**



**Download ePUB Non-equilibrium solidification theory and technology (general higher education Eleventh Five-year national planning materials)**

## See Also



**[PDF] Medical information retrieval (21 universities and colleges teaching information literacy education family planning)**

Follow the web link beneath to download and read "Medical information retrieval (21 universities and colleges teaching information literacy education family planning)" file.

[Read eBook »](#)



**[PDF] Access2003 Chinese version of the basic tutorial (secondary vocational schools teaching computer series)**

Follow the web link beneath to download and read "Access2003 Chinese version of the basic tutorial (secondary vocational schools teaching computer series)" file.

[Read eBook »](#)



**[PDF] 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)**

Follow the web link beneath to download and read "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)" file.

[Read eBook »](#)



**[PDF] Preschool Education(Chinese Edition)**

Follow the web link beneath to download and read "Preschool Education(Chinese Edition)" file.

[Read eBook »](#)



**[PDF] YJ] New primary school language learning counseling language book of knowledge [Genuine Specials(Chinese Edition)**

Follow the web link beneath to download and read "YJ] New primary school language learning counseling language book of knowledge [Genuine Specials(Chinese Edition)" file.

[Read eBook »](#)



**[PDF] Fun math blog Grade Three Story(Chinese Edition)**

Follow the web link beneath to download and read "Fun math blog Grade Three Story(Chinese Edition)" file.

[Read eBook »](#)



**[PDF] Big Machines - Read it Yourself with Ladybird: Level 2**

Access the link beneath to read "Big Machines - Read it Yourself with Ladybird: Level 2" PDF file.

[Download eBook »](#)



**[PDF] Preschool education research methods(Chinese Edition)**

Access the link beneath to read "Preschool education research methods(Chinese Edition)" PDF file.

[Download eBook »](#)



**[PDF] Applied Undergraduate Business English family planning materials: business knowledge REVIEW (English)(Chinese Edition)**

Access the link beneath to read "Applied Undergraduate Business English family planning materials: business knowledge REVIEW (English)(Chinese Edition)" PDF file.

[Download eBook »](#)



**[PDF] Topsy and Tim: The Big Race - Read it Yourself with Ladybird: Level 2**

Access the link beneath to read "Topsy and Tim: The Big Race - Read it Yourself with Ladybird: Level 2" PDF file.

[Download eBook »](#)



**[PDF] Read Write Inc. Phonics: Green Set 1 Non-Fiction 2 We Can All Swim!**

Access the link beneath to read "Read Write Inc. Phonics: Green Set 1 Non-Fiction 2 We Can All Swim!" PDF file.

[Download eBook »](#)



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

Access the link beneath to read "Read Write Inc. Phonics: Purple Set 2 Non-Fiction 4 What is it?" PDF file.

[Download eBook »](#)