

## Metal Heat Treatment Studies (Higher classic best-selling textbook revision)



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### **Reviews**

*Extensive guide! Its this kind of great read. It is really simplistic but excitement from the 50 percent of your pdf. I am just quickly will get a pleasure of looking at a composed book.*

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paperback. Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Pages Number: 179 Publisher: Harbin Institute of Technology Pub. Date :2009-04-01 4th Edition This book have been determined for the metal material and heat treatment of engineering colleges teaching material. Including metal heating, annealing, normalizing, quenching, tempering, surface hardening, heat treatment and chemical heat treatment process design principles for metal heat treatment processes. Book combines heat and chemical heat treatment of metal achievements in recent years, focusing on the process principle are described, and the heat treatment and chemical heat treatment trends are analyzed in theory; introduced vacuum heat treatment, controlled atmosphere heat treatment, thermomechanical treatment, laser, electron beam surface hardening, vacuum carburizing, plasma-chemical treatment and composite heat treatment and other new technology; Finally elaborated design and other heat treatment process and the relationship between processing and heat treatment process described with an example design of the basic methods and the most optimize the process design concept. This book is also available in metallic materials and heat treatment technology research and production of the majority of officers. Contents: Introduction 1 metal heat treatment technology for the development of two metal heat treatment technology for learning purposes, tasks and requirements of three metal heat treatment technology learning methods References Chapter 1.1 of heating the metal heating metal physical processes and influencing factors 1.1, a heating medium and the surface of the heat transfer process, affecting the heat transfer coefficient factor 1.1.2 workpiece heat transfer inside the heat treatment process 1.1.3 1.1.4 to determine the impact of the heating time the heating elements heat the workpiece metal and alloys 1.2 in different media when heated in a common physical and chemical phenomena and heating the metal in the heating medium selection...

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