



## mechanical systems Simulation Theory and Application

By ZHAI HUA

paperback. Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Pages Number: 232 Publisher: Hefei University Press Pub. Date :2008-06. This book is the Mechanical Engineering and Automation professional course Theory and Application of mechanical system simulation. teaching reference books. the main contents of the mechanical system modeling and computer simulation of the basic principles. the basic method. The book is ten chapters: Chapter 1 Introduction. describes the system concept. the meaning and methods of dynamic design. the concept of emulation and simulation technology. the whole process. etc.; second chapter describes the mechanical system simulation of several commonly used mathematical models; first chapters focuses on the mechanical commonly used in continuous system simulation methods. such as numerical integration. discrete similar method. the sampling distribution of parameters of system simulation and system simulation algorithm; fourth chapter describes the mathematical models of complex mechanical system. the establishment of a continuous method - - Bond Graph Theory and Applications; fifth chapter describes the mechanical mathematical foundation of discrete event system simulation. including random number generation and testing; Chapter 6 describes the mechanical general discrete event system simulation methods. and introduce several A typical...



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