

<<计算力学摘要集>>

图书基本信息

书名：<<计算力学摘要集>>

13位ISBN编号：9787302093411

10位ISBN编号：7302093415

出版时间：2004-8

出版时间：清华大学出版社

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页数：660

字数：1064000

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内容概要

The impact of Computational Mechanics on engineering and technological progress started in early 60^s of the last century and continued to flourish during the entire 20th Century. From the latter part of the 20th Century and the beginning of the 21st Century till now ,it also had an impressive influence on the mathematical ,physical and biological sciences. The extensive research being carried out around the world in applying the concepts of computational mechanics to multi-physical, multi-scale problems, nano and micro mechanical simulations and biomechanics ,is a testament to this.

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书籍目录

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Thermo-Electro-Mechanical Materials and Systems
Simulation Technique of Structural Dynamics Test for Space Vehicle
Computational Electro-Magneto-Fluid-Dynamics
Finite Element Method and Structure-Preserving Algorithm
Shape and Topology Optimization
Meshfree and Extended/Fictitious FEM Methods
Large Scale Coupled Problems and Related Topics
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