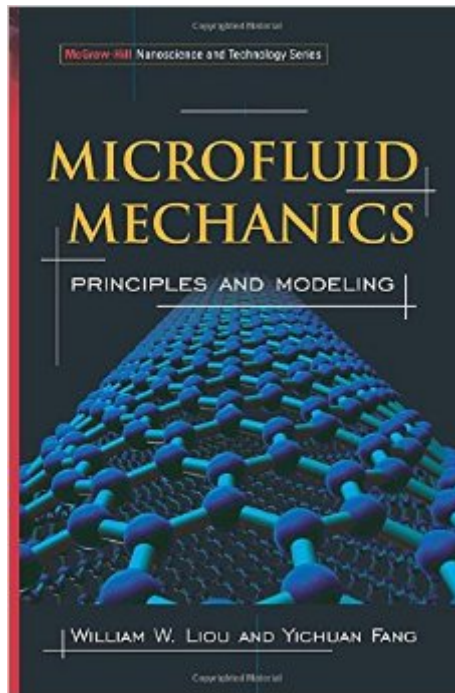


The book was found

Microfluid Mechanics: Principles And Modeling (Nanoscience And Technology)



Synopsis

The rapid progress in fabricating and utilizing microelectromechanical (MEMS) systems during the last decade is not matched by corresponding understanding of the unconventional fluid flow involved in the operation and manufacture of these small devices. Providing such understanding is crucial to designing, optimizing, fabricating and operating improved MEMS devices. *Microfluid Mechanics: Principles and Modeling* is a rigorous reference that begins with the fundamental principles governing microfluid mechanics and progresses to more complex mathematical models, which will allow research engineers to better measure and predict reactions of gaseous and liquids in microenvironments.

Book Information

Series: Nanoscience and Technology

Hardcover: 350 pages

Publisher: McGraw-Hill Education; 1 edition (June 24, 2005)

Language: English

ISBN-10: 0071443223

ISBN-13: 978-0071443227

Product Dimensions: 5.8 x 1.2 x 9.1 inches

Shipping Weight: 1.3 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #2,014,965 in Books (See Top 100 in Books) #459 in Books > Engineering & Transportation > Engineering > Chemical > Fluid Dynamics #1214 in Books > Science & Math > Physics > Mechanics #1526 in Books > Science & Math > Physics > Dynamics

[Download to continue reading...](#)

Microfluid Mechanics: Principles and Modeling (Nanoscience and Technology) *Sliding Friction: Physical Principles and Applications* (NanoScience and Technology) *Robotics: The Beginner's Guide to Robotic Building, Technology, Mechanics, and Processes* (Robotics, Mechanics, Technology, Robotic Building, Science) *Low-Dimensional and Nanostructured Materials and Devices: Properties, Synthesis, Characterization, Modelling and Applications* (NanoScience and Technology) *Mathematical Modeling of Collective Behavior in Socio-Economic and Life Sciences* (Modeling and Simulation in Science, Engineering and Technology) *Nanostructures and Nanomaterials: Synthesis, Properties, and Applications* (2nd Edition) (World Scientific Series in Nanoscience and Nanotechnology) *An Introduction to Interfaces and Colloids: The Bridge to*

Nanoscience Molecular Driving Forces: Statistical Thermodynamics in Biology, Chemistry, Physics, and Nanoscience, 2nd Edition Semiconductor Quantum Dots: Organometallic and Inorganic Synthesis (Nanoscience & Nanotechnology Series) Molecular Driving Forces: Statistical Thermodynamics in Biology, Chemistry, Physics, and Nanoscience, Second Edition Student Solutions Manual for Differential Equations: Computing and Modeling and Differential Equations and Boundary Value Problems: Computing and Modeling Microsoft Excel 2013 Data Analysis and Business Modeling: Data Analysis and Business Modeling (Introducing) Introduction to the Numerical Modeling of Groundwater and Geothermal Systems: Fundamentals of Mass, Energy and Solute Transport in Poroelastic Rocks (Multiphysics Modeling) Geochemical Modeling of Groundwater, Vadose and Geothermal Systems (Multiphysics Modeling) 3D Modeling For Beginners: Learn everything you need to know about 3D Modeling! Modeling and Analytical Methods in Tribology (Modern Mechanics and Mathematics) Computational Fluid Mechanics and Heat Transfer, Third Edition (Series in Computational and Physical Processes in Mechanics and Thermal Sciences) Reinforced Concrete: Mechanics and Design (4th Edition) (Civil Engineering and Engineering Mechanics) Soil Mechanics in Highway Engineering (Series on Rock and Soil Mechanics) Mechanics II: Mechanics of Materials +

[Dmca](#)