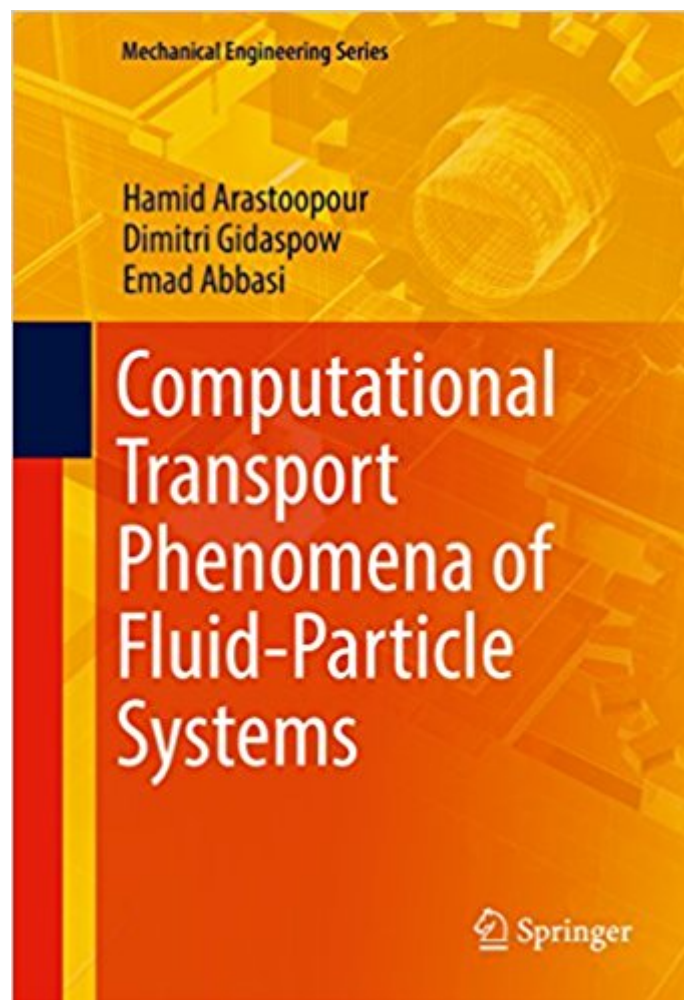




Ebook Directory
the best source of ebook

The book was found

Computational Transport Phenomena Of Fluid-Particle Systems (Mechanical Engineering Series)



Synopsis

This book concerns the most up-to-date advances in computational transport phenomena (CTP), an emerging tool for the design of gas-solid processes such as fluidized bed systems. The authors examine recent work in kinetic theory and CTP and illustrate gas-solid processesTM many applications in the energy, chemical, pharmaceutical, and food industries. They also discuss the kinetic theory approach in developing constitutive equations for gas-solid flow systems and how it has advanced over the last decade as well as the possibility of obtaining innovative designs for multiphase reactors, such as those needed to capture CO₂ from flue gases. Suitable as a concise reference and a textbook supplement for graduate courses, Computational Transport Phenomena of Gas-Solid Systems is ideal for practitioners in industries involved with the design and operation of processes based on fluid/particle mixtures, such as the energy, chemicals, pharmaceuticals, and food processing.

Book Information

File Size: 1870 KB

Print Length: 103 pages

Publisher: Springer; 1st ed. 2017 edition (December 25, 2016)

Publication Date: December 25, 2016

Language: English

ASIN: B01N1WD69U

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Not Enabled

Lending: Not Enabled

Enhanced Typesetting: Not Enabled

Best Sellers Rank: #995,472 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #85

inÂ Kindle Store > Kindle eBooks > Nonfiction > Science > Chemistry > Industrial & Technical #86

inÂ Kindle Store > Kindle eBooks > Nonfiction > Science > Physics > Dynamics > Thermodynamics

#111 inÂ Books > Engineering & Transportation > Engineering > Chemical > Unit Operations &

Transport Phenomena

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

Computational Transport Phenomena of Fluid-Particle Systems (Mechanical Engineering Series)

Advanced Transport Phenomena: Fluid Mechanics and Convective Transport Processes

(Cambridge Series in Chemical Engineering) Finite Element Methods for Particle Transport: Applications to Reactor and Radiation Physics (Research Studies in Particle and Nuclear Technology) Computational Fluid Mechanics and Heat Transfer, Third Edition (Series in Computational and Physical Processes in Mechanics and Thermal Sciences) Transport Phenomena in Multiphase Flows (Fluid Mechanics and Its Applications) Basic Transport Phenomena In Biomedical Engineering (Chemical Engineering) Shigley's Mechanical Engineering Design (McGraw-Hill Series in Mechanical Engineering) Theoretical Neuroscience: Computational and Mathematical Modeling of Neural Systems (Computational Neuroscience Series) Transport Phenomena in Biological Systems (2nd Edition) Transport Phenomena in Biological Systems by George A. Truskey (2009-12-23) Transport Phenomena in Biological Systems by George A. Truskey (2009-07-30) Code Check Plumbing & Mechanical 4th Edition: An Illustrated Guide to the Plumbing and Mechanical Codes (Code Check Plumbing & Mechanical: An Illustrated Guide) Basic Transport Phenomena in Biomedical Engineering, Third Edition Analysis of Transport Phenomena (Topics in Chemical Engineering) Basic Transport Phenomena in Biomedical Engineering Basic Transport Phenomena in Biomedical Engineering, Fourth Edition Basic Transport Phenomena in Biomedical Engineering, Third Edition (500 Tips) An Introduction to Transport Phenomena in Materials Engineering Fluid Mechanics with Student DVD (McGraw-Hill Series in Mechanical Engineering) Fluid Mechanics (McGraw-Hill Series in Mechanical Engineering)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)