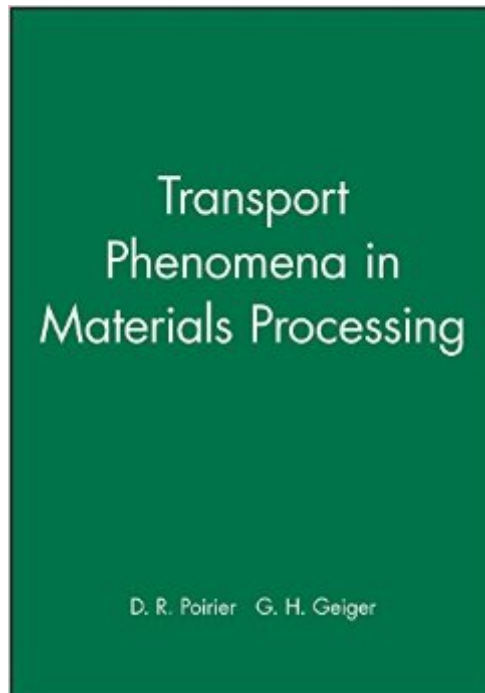


The book was found

Transport Phenomena In Materials Processing, Solutions Manual



Synopsis

This text provides a teachable and readable approach to transport phenomena (momentum, heat, and mass transport) by providing numerous examples and applications, which are particularly important to metallurgical, ceramic, and materials engineers. Because the authors feel that it is important for students and practicing engineers to visualize the physical situations, they have attempted to lead the reader through the development and solution of the relevant differential equations by applying the familiar principles of conservation to numerous situations and by including many worked examples in each chapter. The book is organized in a manner characteristic of other texts in transport phenomena. Section I deals with the properties and mechanics of fluid motion; Section II with thermal properties and heat transfer; and Section III with diffusion and mass transfer. The authors depart from tradition by building on a presumed understanding of the relationships between the structure and properties of matter, particularly in the chapters devoted to the transport properties (viscosity, thermal conductivity, and the diffusion coefficients). In addition, generous portions of the text, numerous examples, and many problems at the ends of the chapters apply transport phenomena to materials processing.

Book Information

Paperback: 318 pages

Publisher: Wiley-TMS; 1 edition (July 16, 1998)

Language: English

ISBN-10: 0470923776

ISBN-13: 978-0470923771

Product Dimensions: 8.2 x 0.7 x 11 inches

Shipping Weight: 2 pounds (View shipping rates and policies)

Average Customer Review: 4.3 out of 5 stars [See all reviews](#) (3 customer reviews)

Best Sellers Rank: #957,420 in Books (See Top 100 in Books) #67 in [Books > Engineering & Transportation > Engineering > Chemical > Unit Operations & Transport Phenomena](#) #80

in [Books > Engineering & Transportation > Engineering > Materials & Material Science >](#)

[Extraction & Processing](#) #1709 in [Books > Engineering & Transportation > Engineering > Energy Production & Extraction](#)

Customer Reviews

If you buy the textbook, it is very useful for you to study transport phenomena. You should buy them together.

super book

Met my expectations

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

Transport Phenomena in Materials Processing, Solutions Manual Transport Phenomena in Materials Processing Introductory Transport Phenomena Fenomenos de transporte/ Transport Phenomena (Spanish Edition) Interfacial Transport Phenomena Basic Transport Phenomena in Biomedical Engineering, Third Edition Basic Transport Phenomena in Biomedical Engineering, 2nd Edition Modeling Groundwater Flow and Contaminant Transport (Theory and Applications of Transport in Porous Media) Freight Forwarding and Multi Modal Transport Contracts (Maritime and Transport Law Library) ASTNA Patient Transport: Principles and Practice (Air & Surface Patient Transport: Principles and Practice) Transport Nursing (CTRN) Review (Certification in Transport Nursing Book 1) Materials Processing: A Unified Approach to Processing of Metals, Ceramics and Polymers My Child Won't Sleep Through the Night: 5 No-Cry Solutions to Solve Your Child's Sleep Issues (Baby Sleep Solutions, Toddler Sleep Problems, Child Sleep Solutions, No-Cry Sleep Solution) Microstructure and Properties of Ductile Iron and Compacted Graphite Iron Castings: The Effects of Mold Sand/Metal Interface Phenomena (SpringerBriefs in Materials) Materials North American Edition w/Online Testing: Materials - North American Edition, Second Edition: engineering, science, processing and design Engineering Materials 2, Fourth Edition: An Introduction to Microstructures and Processing (International Series on Materials Science and Technology) Biomimetic Materials And Design: Biointerfacial Strategies, Tissue Engineering And Targeted Drug Delivery (Manufacturing Engineering & Materials Processing) The Science and Engineering of Materials: Solutions manual Recommendations on the Transport of Dangerous Goods: Manual of Test and Criteria: 6th Revised Edition Recommendations on the Transport of Dangerous Goods: Manual of Tests and Criteria

[Dmca](#)