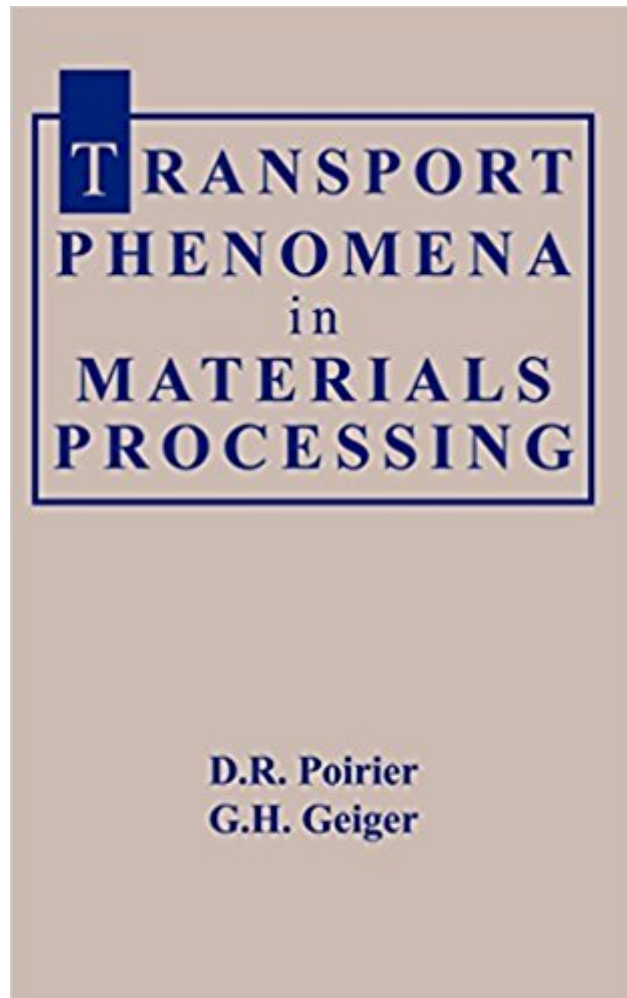




**Ebook Directory**  
the best source of ebook

The book was found

# Transport Phenomena In Materials Processing



## 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

Hardcover: 660 pages

Publisher: Wiley-TMS (July 9, 1998)

Language: English

ISBN-10: 0873392728

ISBN-13: 978-0873392723

Product Dimensions: 6.2 x 1.4 x 9.3 inches

Shipping Weight: 2.2 pounds (View shipping rates and policies)

Average Customer Review: 4.0 out of 5 stars 1 customer review

Best Sellers Rank: #745,714 in Books (See Top 100 in Books) #57 in [Books > Engineering & Transportation > Engineering > Materials & Material Science > Extraction & Processing](#) #64 in [Books > Engineering & Transportation > Engineering > Chemical > Unit Operations & Transport Phenomena](#) #774 in [Books > Engineering & Transportation > Engineering > Materials & Material Science > Materials Science](#)

## Customer Reviews

The Minerals, Metals & Materials Society (TMS) is a member-driven international professional society dedicated to fostering the exchange of learning and ideas across the entire range of

materials science and engineering, from minerals processing and primary metals production, to basic research and the advanced applications of materials. Included among its nearly 13,000 professional and student members are metallurgical and materials engineers, scientists, researchers, educators, and administrators from more than 70 countries on six continents. For more information on TMS, visit [www.tms.org](http://www.tms.org). --This text refers to an alternate Hardcover edition.

Was sent to the wrong address, but there was a prompt email from the supplier and sent to the correct address within 3 days, very good. thank you

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

Transport Phenomena in Materials Processing (The Minerals, Metals & Materials Series) Transport Phenomena in Materials Processing Transport Phenomena and Materials Processing Transport Phenomena in Materials Processing, Solutions Manual Advanced Transport Phenomena: Fluid Mechanics and Convective Transport Processes (Cambridge Series in Chemical Engineering) An Introduction to Transport Phenomena in Materials Engineering Materials Processing: A Unified Approach to Processing of Metals, Ceramics and Polymers Laser Interaction and Related Plasma Phenomena (Laser Interaction & Related Plasma Phenomena) Transport Phenomena in Biological Systems (2nd Edition) Basic Transport Phenomena in Biomedical Engineering, Third Edition Transport Phenomena, Revised 2nd Edition Introductory Transport Phenomena Analysis of Transport Phenomena (Edn 2) By William M. Deen Analysis of Transport Phenomena (Topics in Chemical Engineering) Transport Phenomena Transport Phenomena, 2nd Edition Transport Phenomena in Biological Systems by George A. Truskey (2009-12-23) Transport Phenomena by R. Byron Bird (1960-01-15) Transport Phenomena: A Unified Approach Vol. 1 Transport Phenomena in Biological Systems by George A. Truskey (2009-07-30)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)