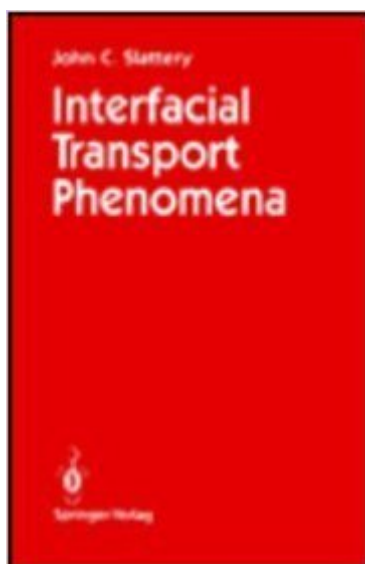


The book was found

Interfacial Transport Phenomena



Synopsis

Interfacial Transport Phenomena refers to momentum, energy, mass, and entropy transfer within the immediate neighborhood of a phase interface. It includes such specific topics as the distribution of a surface- active species, interfacial tension and its gradient, the interfacial viscosities, interfacial thermodynamics, London-van der Waals forces, electrostatic forces, as well as many specific applications. The dominant theme is the translation of physical problems into mathematical terms. This book is written for the advanced student of transport phenomena. The emphasis is upon achieving an in-depth understanding based upon first principles. It is designed to prepare the reader for active research. It includes exercises and answers, and can serve as a graduate level textbook.

Book Information

Hardcover: 1159 pages

Publisher: Springer-Verlag (January 1991)

Language: English

ISBN-10: 0387973877

ISBN-13: 978-0387973876

Product Dimensions: 2.2 x 6.5 x 9.8 inches

Shipping Weight: 4 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 starsÂ Â See all reviewsÂ (2 customer reviews)

Best Sellers Rank: #3,165,896 in Books (See Top 100 in Books) #77 inÂ Books > Science & Math > Physics > Entropy #197 inÂ Books > Engineering & Transportation > Engineering > Chemical > Unit Operations & Transport Phenomena #1314 inÂ Books > Science & Math > Physics > Solid-State Physics

Customer Reviews

I have most of the books written by J. Slattery. This book follows a very similar theme. You are expected to have a strong background in the area, maybe from reading his previous books? I would not recommend this book if you are looking for general information about transport phenomena.

Very Good!

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

Interfacial Transport Phenomena Advanced Petrophysics: Volume 2: Dispersion, Interfacial Phenomena/Wettability, Capillarity/Capillary Pressure, Relative Permeability Transport Phenomena

in Materials Processing, Solutions Manual Transport Phenomena in Materials Processing
Introductory Transport Phenomena Fenomenos de transporte/ Transport Phenomena (Spanish
Edition) 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) Interfacial Electrochemistry
Fundamentals of Fire Phenomena Explosive Effects and Applications (Shock Wave and High
Pressure Phenomena) Structural Acoustics: Deterministic and Random Phenomena Microstructure
and Properties of Ductile Iron and Compacted Graphite Iron Castings: The Effects of Mold
Sand/Metal Interface Phenomena (SpringerBriefs in Materials) AsapSCIENCE: Answers to the
World's Weirdest Questions, Most Persistent Rumors, and Unexplained Phenomena Bizarre True
Stories: Weird and Unusual True Stories of the Paranormal, Strange Sightings, Eerie True Ghost
Stories and Unexplained Phenomena Bizarre True Stories: Weird And Unusual True Stories Of The
Paranormal, Strange Sightings, Eerie True Ghost Stories And Unexplained Phenomena (True
Paranormal ... True Ghost Stories And Hauntings)

[Dmca](#)