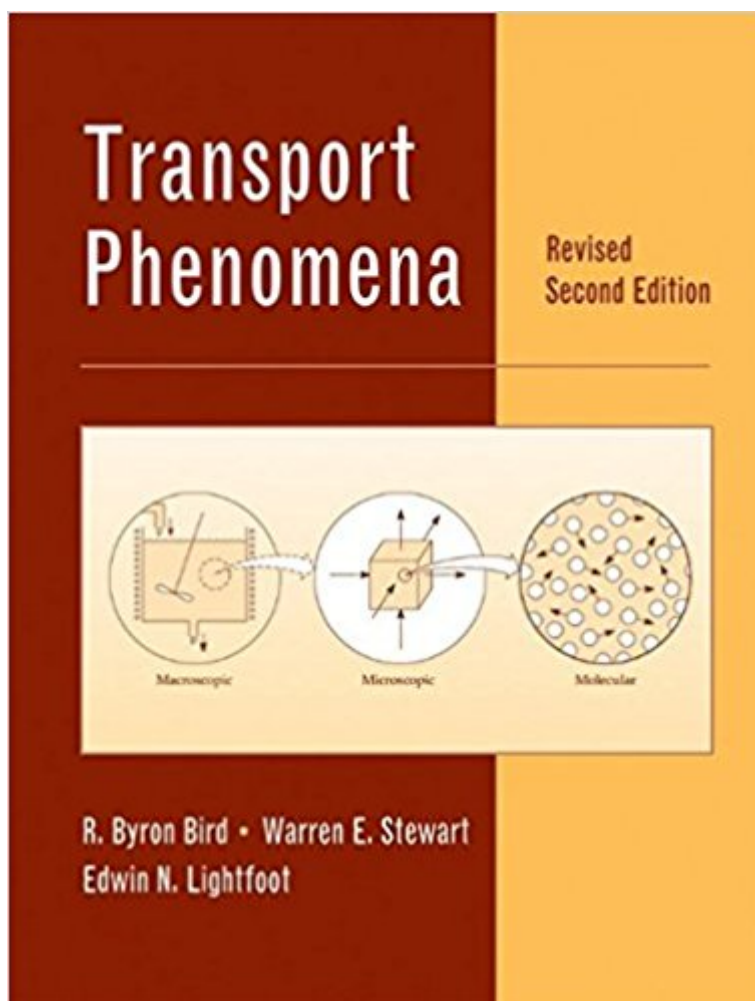


The book was found

# Transport Phenomena, Revised 2nd Edition



## Synopsis

Transport Phenomena has been revised to include deeper and more extensive coverage of heat transfer, enlarged discussion of dimensional analysis, a new chapter on flow of polymers, systematic discussions of convective momentum, and energy. Topics also include mass transport, momentum transport and energy transport, which are presented at three different scales: molecular, microscopic and macroscopic. If this is your first look at Transport Phenomena you'll quickly learn that its balanced introduction to the subject of transport phenomena is the foundation of its long-standing success.

## Book Information

Hardcover: 905 pages

Publisher: John Wiley & Sons, Inc.; 2nd edition (December 11, 2006)

Language: English

ISBN-10: 0470115394

ISBN-13: 978-0470115398

Product Dimensions: 8.3 x 1.4 x 10.2 inches

Shipping Weight: 3.5 pounds (View shipping rates and policies)

Average Customer Review: 4.2 out of 5 stars 90 customer reviews

Best Sellers Rank: #27,804 in Books (See Top 100 in Books) #1 in Books > Engineering & Transportation > Engineering > Chemical > Unit Operations & Transport Phenomena #5 in Books > Engineering & Transportation > Engineering > Chemical > Fluid Dynamics #12 in Books > Textbooks > Engineering > Chemical Engineering

## Customer Reviews

This is arguably the greatest textbook for chemical engineering ever written. Its influence in the chemical engineering world cannot be understated. If you are unconvinced, look at the bibliography of any other chemical engineering textbook. It most likely has a reference to this one. So if you want to be a chemical engineer, you should know how to apply the approaches to problem solving in this book. That being said, this isn't an easy book to understand. It's easier than some, but it is very rigorous. It also uses some relatively advanced math. Solving Partial Differential Equations is expected in this book, so it is only suitable for an advanced undergraduate or early graduate student. For an even more advanced book, check out Deen's Analysis of Transport Phenomena.

By far the cheapest textbook I have purchased in my university career, so I had reservations about

its legitimacy, but the textbook was exactly what I needed and it came in good condition.

Great book on mass transfer. Saved me many times in the course I took with it. Explains things very well, good examples. This is a little outdated in some of the methods (uses Einstein's relationship for all liquid diffusivity temperature relationships instead of using empirical correlations)

This book is one of the best books I've come across as an undergraduate in Chemical Engineering. It presents the subject matter very well, in a nice, concise, well thought out order and layout. In addition, the text is unexpectedly not dense for such subject matter, and is very clear. Given some time with the book, reading is no problem! It gives ample practice problems and example problems. Only fault would be that it does not cover Stream Functions and Dimensional Analysis very well and that it sometimes does not give enough/good example problems for a few subjects. Overall though, a pleasure to use for the course!

Not very easy to understand. All in all, not very easy to understand the equations or the explanations or anything except for the Appendix, although I wish it had more supplementary data tables. I would not buy this book for my own enjoyment.

Although the price is not low, the quality of this used book is amazing. It is definitely the one I want.

I am very satisfied with this purchase. The book is as described "like new" except there is a torn in one corner of the hard cover. But not a big deal. And I am very satisfied with the price, too. The shipping is very fast. Five stars overall!

Extremely detailed work, excellent revisions, informative side notes, and extremely well organized. This was clearly a labor of love and serves as both an excellent teaching tool and reference guide.

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

Advanced Transport Phenomena: Fluid Mechanics and Convective Transport Processes  
(Cambridge Series in Chemical Engineering) Transport Phenomena, Revised 2nd Edition Transport Phenomena in Biological Systems (2nd Edition) Transport Phenomena, 2nd Edition Analysis of Transport Phenomena (2nd Edition) [Paperback] Laser Interaction and Related Plasma Phenomena (Laser Interaction & Related Plasma Phenomena) Basic Transport Phenomena in Biomedical

Engineering, Third Edition Basic Transport Phenomena in Biomedical Engineering, Fourth Edition  
Basic Transport Phenomena in Biomedical Engineering, Third Edition (500 Tips) Transport  
Phenomena Fundamentals, Third Edition (Chemical Industries) 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 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) Transport Phenomena: A Unified Approach Vol. 2 Basic Transport  
Phenomena in Biomedical Engineering

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)