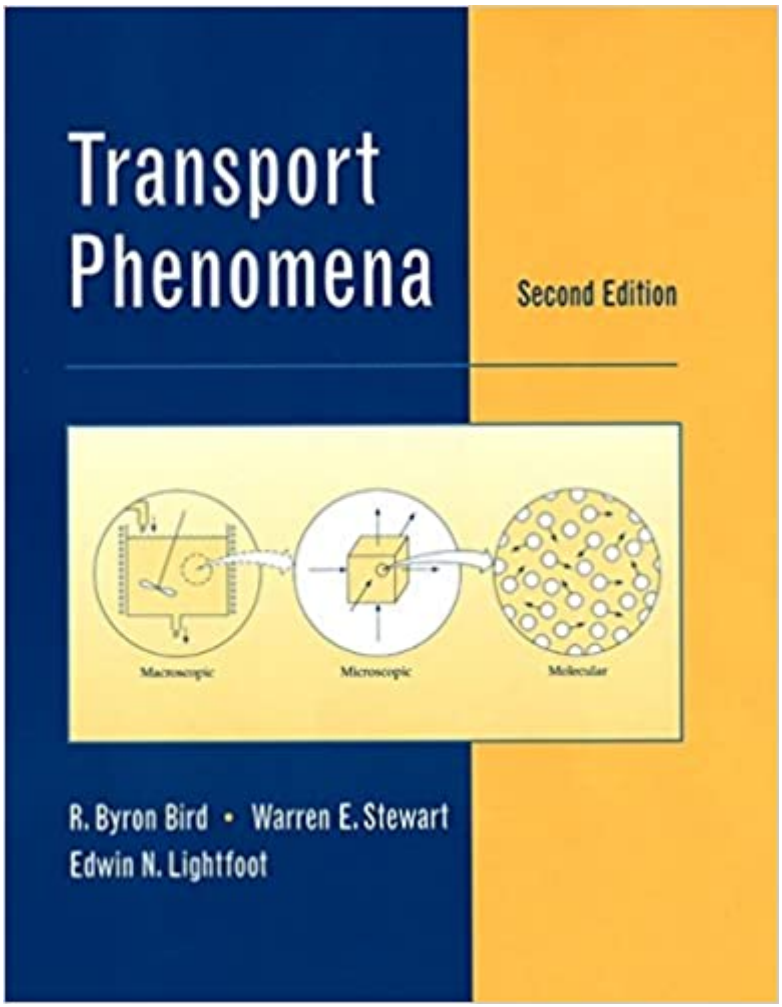
Transport Phenomena, 2nd Edition



Synopsis

Careful attention is paid to the presentation of the basic theory. * Enhanced sections throughout text provide much firmer foundation than the first edition. * Literature citations are given throughout for reference to additional material.

Book Information

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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 This is a little outdated in some of the methods (uses Einstein's relationship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.

Athough 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 perchase. 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.

(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 Aprroach Vol. 2 Basic Transport Phenomena in Biomedical Engineering