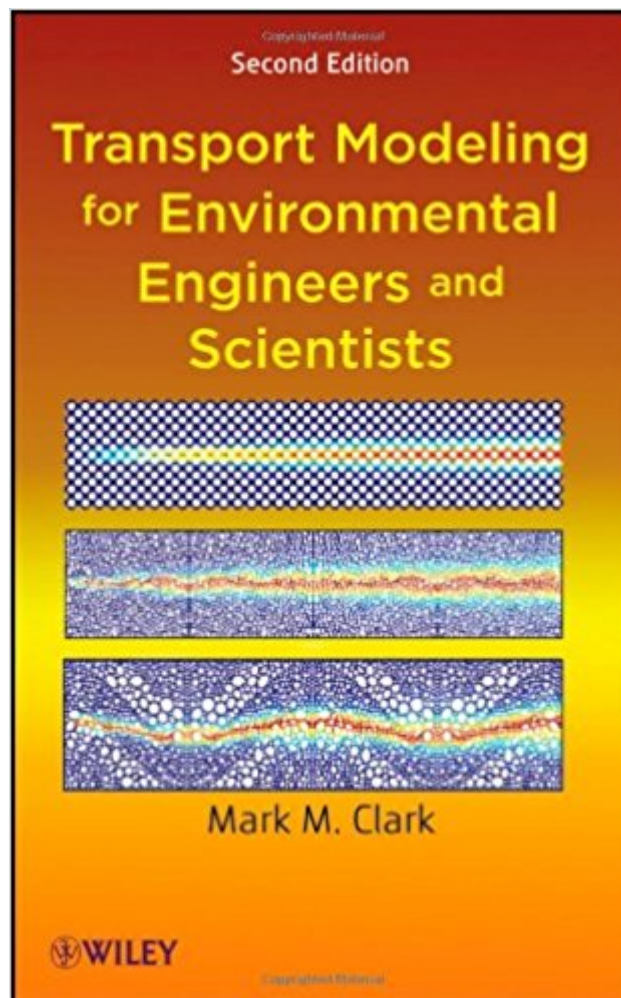




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Transport Modeling For Environmental Engineers And Scientists



Synopsis

Transport Modeling for Environmental Engineers and Scientists, Second Edition, builds on integrated transport courses in chemical engineering curricula, demonstrating the underlying unity of mass and momentum transport processes. It describes how these processes underlie the mechanics common to both pollutant transport and pollution control processes.

Book Information

Hardcover: 664 pages

Publisher: Wiley; 2 edition (September 15, 2009)

Language: English

ISBN-10: 0470260726

ISBN-13: 978-0470260722

Product Dimensions: 6.5 x 1.6 x 9.7 inches

Shipping Weight: 3 pounds (View shipping rates and policies)

Average Customer Review: 3.2 out of 5 stars 9 customer reviews

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Customer Reviews

"This is indeed a significant contribution to the literature and is a useful book for students, scientists, and engineers interested in mathematical modeling in typical environmental situations." (Environ Earth Sci, 2010) ^

A comprehensive introduction to environmental modeling of mass and momentum transport processes. Unifies the reader's understanding of environmental phenomena by examining the underlying fundamentals of transport processes that determine the fate of contaminants in the three main environmental media: soil, water, and air. Provides an understanding of existing processes by stressing the common features underlying pollutant transport and pollution control processes. Adopts a similar approach to the integrated heat, mass, and momentum transport courses of chemical and mechanical engineering and forms the basis of new and improved models and designs in environmental engineering. Employs examples, case studies, and exercises with an environmental focus. --This text refers to an out of print or unavailable edition of this title.

Not sure about the negative reviews. I love the book. I had to purchase three to four books for my first semester as an environmental engineer and this one is by far the best. I think the quality of the book depends a lot on how it is used in teaching. My professor was very thorough in class and let us know what we need to know. I find the problems in this book very practical and interesting.

I purchased this book in 2009 because it was a required textbook for an Environmental Engineering graduate course I took. It is written well enough that a person with a technical background can read it once in most cases, and then be able to apply its methods to solve problems. It is fairly well organized, although we did not get through the entire text in the course I took.

My book was literally printed upside down and backwards. As in to read the book, I'd have to flip it upside down and read from right to left.

This could be a decent book if more example problems were provided. Also, please cleanup the grammatical mistakes--I struggle to take the authors seriously when so many errors exist.

LOW PRICE AND HIGH QUALITY. I can use my new book for class now. It is much cheaper than the bookstore

I had to purchase this book for a graduate class, and unfortunately it wasn't that good. I'm writing this review in the middle of the semester, but so far I don't like the book. It is comprehensive and quite thorough, and I believe a lot of effort was put into it, and it shows, but unfortunately the author takes a more mathematical approach to present the topics which I didn't really understand and it doesn't contain enough examples to make you fully understand how to apply the concepts it talks about. All in all, if you speak math fluently you'll get by just fine. If you don't, you'll have to put in some extra effort.

The product came when it was supposed to. I would recommend that they send books in a box instead of an envelope because a corner was a little crushed, but just barely. I would recommend this company.

The book is one of the key textbook in my field. Both the price and quality were great. I received the item when expected. Great service.

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