



Introduction to Transport Phenomena (Hardback)

By William J. Thomson

Pearson Education (US), United States, 1999. Hardback. Book Condition: New. New.. 229 x 175 mm. Language: English . Brand New Book. 45482-7 * Transport phenomena: Fundamental concepts and problem solving * Transport phenomena: basic principles and laws * Molecular and convective transport * Similarity analysis, transfer coefficients, and other key concepts * Use differential equation solvers to solve complex transport problems This book is a true introduction to transport phenomena that presents all basic principles with a minimum of mathematical complexity. Readers will only need to know the basics of differential equations, and how to use a differential equation solver such as Matlab or ACSL. Professor William J. Thomson emphasizes the formulation of differential equations to describe physical problems, helping readers understand what they are doing-and why. The solutions are either simple (separable, linear second order) or derivable with a differential equation solver. Thomson begins with a detailed introduction to molecular transport, including the basic underlying laws, one-dimensional molecular energy transport, molecular mass and momentum transport principles, and transport coefficients. Each major similarity analysis technique is covered, including dimensionless groups in molecular transport, dimensionless differential transforms, and similarity transforms. In Part II, Thomson reviews convective transport, presenting a straightforward description...



READ ONLINE
[6.49 MB]

Reviews

The publication is easy in read through safer to comprehend. It is actually loaded with wisdom and knowledge Its been printed in an extremely simple way and is particularly simply right after i finished reading through this pdf where actually modified me, affect the way i believe.

-- **Ms. Clementina Cole V**

This is the very best publication i have got read until now. It is definitely simplified but shocks within the fifty percent of the pdf. You may like how the article writer create this pdf.

-- **Rosario Durgan**

See Also



Crochet: Learn How to Make Money with Crochet and Create 10 Most Popular Crochet Patterns for Sale: (Learn to Read Crochet Patterns, Charts, and Graphs, Beginner s Crochet Guide with Pictures)

Createspace, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Getting Your FREE Bonus Download this book, read it to the end and see BONUS: Your FREE Gift chapter after...



Fart Book African Bean Fart Adventures in the Jungle: Short Stories with Moral

Createspace, United States, 2013. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Black White Illustration Version! BONUS - Includes FREE Dog Fart Audio Book for Kids Inside! For a very time limited...



Talking Digital: A Parent s Guide for Teaching Kids to Share Smart and Stay Safe Online

Createspace, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book. It is time for the digital talk. Today, kids are growing up in a wired world. Their online interactions, the good and the bad,...



The Voyagers Series - Europe: A New Multi-Media Adventure Book 1

Strength Through Communications, United States, 2011. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.The Voyagers Series is a new multi-media, multi-disciplinary approach to teaching reading that provides students with a stimulating,...



No Friends?: How to Make Friends Fast and Keep Them

Createspace, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Do You Have NO Friends ? Are you tired of not having any friend and being lonely all the time...



History of the Town of Sutton Massachusetts from 1704 to 1876

Createspace, United States, 2015. Paperback. Book Condition: New. annotated edition. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.This version of the History of the Town of Sutton Massachusetts from 1704 to 1876 is a labor...