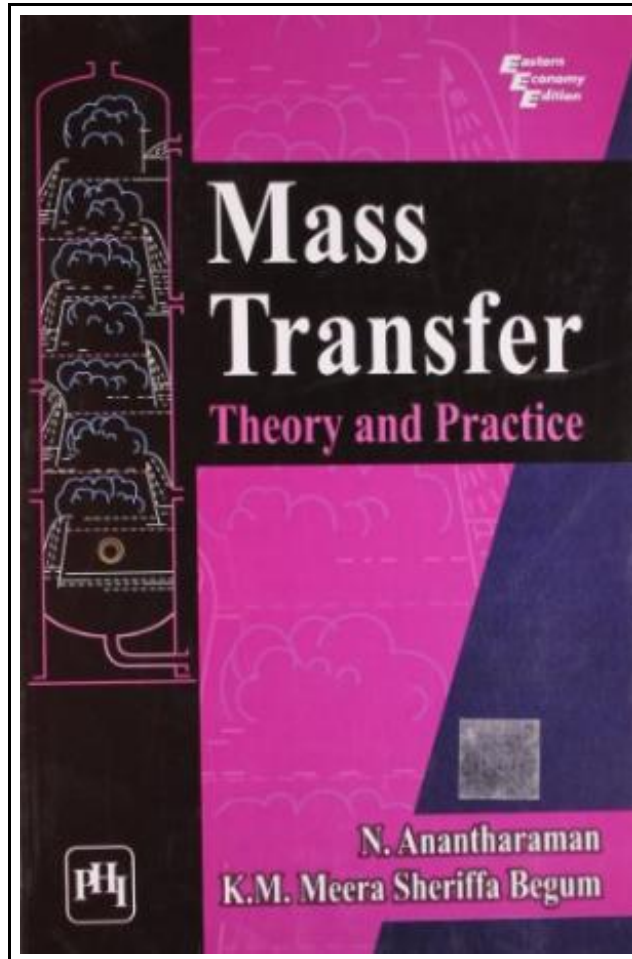


Mass Transfer: Theory and Practice



Filesize: 8.11 MB

Reviews

It is really an remarkable book which i have ever go through. It can be writter in simple terms and not difficult to understand. I am just effortlessly can get a enjoyment of reading a composed pdf.

(Dr. Lily Wunsch II)

MASS TRANSFER: THEORY AND PRACTICE

[DOWNLOAD](#)

To download **Mass Transfer: Theory and Practice** PDF, make sure you refer to the link listed below and download the file or have accessibility to other information that are relevant to MASS TRANSFER: THEORY AND PRACTICE ebook.

PHI Learning, 2013. Softcover. Book Condition: New. 16 x 24 cm. Mass transfer operations are of great importance in a process industry as it has a direct impact on the cost of the final product. A chemical/process engineer therefore should have sound knowledge of the basics of mass transfer and its applications. This book is designed to equip the reader with sufficient knowledge of mass transfer operations and face the challenges ahead. The objective of this textbook is to teach a budding chemical engineer the principles involved in analyzing a process and apply the desired mass transfer operation to separate the components involved. It deals with operations involving diffusion, interphase mass transfer, humidification, drying, crystallization, absorption, distillation, extraction, leaching and adsorption. The principles and equipment used for different mass transfer operations have been lucidly explained. Designed for a two-semester course, this text is primarily intended for the undergraduate students of chemical, pharmaceutical, petrochemical engineering as well as biotechnology and industrial biotechnology. It will also be useful to plant engineers and design professionals.

KEY FEATURES :

1. Explains the theoretical concepts with full derivation of equations.
2. Illustrates the application of theory through worked-out numerical examples.
3. Provides exercise problems with answers at the end of each chapter for practice.

Contents: Foreword ? Preface ? Acknowledgements

1. INTRODUCTION TO MASS TRANSFER
2. DIFFUSION
3. MASS TRANSFER COEFFICIENT AND INTERPHASE MASS TRANSFER
4. EQUIPMENTS FOR GAS?LIQUID OPERATING
5. HUMIDIFICATION
6. DRYING
7. CRYSTALLISATION
8. ABSORPTION
9. DISTILLATION
10. EXTRACTION
11. LEACHING
12. ADSORPTION

Appendix ? Index Printed Pages: 440.

[Read Mass Transfer: Theory and Practice Online](#)[Download PDF Mass Transfer: Theory and Practice](#)

Other eBooks



[PDF] Depression: Cognitive Behaviour Therapy with Children and Young People (Paperback)

Follow the link below to download and read "Depression: Cognitive Behaviour Therapy with Children and Young People (Paperback)" PDF file.

[Save Book »](#)



[PDF] My Life as a Third Grade Zombie: Plus Free Online Access (Hardback)

Follow the link below to download and read "My Life as a Third Grade Zombie: Plus Free Online Access (Hardback)" PDF file.

[Save Book »](#)



[PDF] Daycare Seen Through a Teacher s Eyes: A Guide for Teachers and Parents (Paperback)

Follow the link below to download and read "Daycare Seen Through a Teacher s Eyes: A Guide for Teachers and Parents (Paperback)" PDF file.

[Save Book »](#)



[PDF] The Ethical Journalist (New edition)

Follow the link below to download and read "The Ethical Journalist (New edition)" PDF file.

[Save Book »](#)



[PDF] Sly Fox and Red Hen - Read it Yourself with Ladybird: Level 2 (Paperback)

Follow the link below to download and read "Sly Fox and Red Hen - Read it Yourself with Ladybird: Level 2 (Paperback)" PDF file.

[Save Book »](#)



[PDF] Chicken Licken - Read it Yourself with Ladybird: Level 2 (Paperback)

Follow the link below to download and read "Chicken Licken - Read it Yourself with Ladybird: Level 2 (Paperback)" PDF file.

[Save Book »](#)