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By Jaime Benitez



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A problem-solving approach that helps students master new material and put their knowledge into practice

The Second Edition of the acclaimed *Principles and Modern Applications of Mass Transfer Operations* continues to provide a thorough, accessible text that gives students the support and the tools they need to quickly move from theory to application. This latest edition has been thoroughly revised and updated with new discussions of such developing topics as membrane separations, ion exchange, multistage batch distillation, and chromatography and other adsorptive processes. Moreover, the *Second Edition* now covers mass transfer phenomena in biological systems, making the text appropriate for students in biochemical engineering as well as chemical engineering.

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- Twenty-five to thirty problems at the end of each chapter that enable students to use their newfound knowledge to solve problems
- Examples and problems that help students become proficient working with Mathcad
- Figures and diagrams that illustrate and clarify complex concepts and processes
- References facilitating further in-depth research into particular topics
- Ten appendices filled with helpful data and reference materials

Ideal for a first course in mass transfer operations, this text has proven to be invaluable to students in chemical and environmental engineering as well as researchers and university faculty.



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Review

"...a traditional treatment of a classic chemical engineering subject...students will like..." (*AIChE Journal*, January 2003)

From the Back Cover

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About the Author

Jaime Benítez, PhD, has been teaching mass transfer operations to chemical engineers for some thirty-two years. Dr. Benítez is a Professor in the Chemical Engineering Department of the University of Puerto Rico at Mayagüez.

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