



ANALYSIS, SYNTHESIS, AND DESIGN OF CHEMICAL PROCESSES

FOURTH EDITION

RICHARD TURTON • RICHARD C. BAILLE • WALLACE B. WHITING JOSEPH A. SHAEIWITZ • DEBANGSU BHATTACHARYYA



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Symposium on Computer Aided Process Engineering 15th International Symposium on Process Systems Engineering joint event Case Studies in Food Engineering J. Peter Clark,2009-08-12 One of the best ways for students or practitioners to learn is through real life example In this volume Clark presents several case studies that can be used not only by those currently working in the industry but as a means for sparking discussion in food engineering classes This book has several purposes 1 to serve as a source of information about a representative collection of food processes with which Clark has had experience 2 to convey some practical lessons about process development and plant design and 3 to serve educators as a resource for class problems and discussion The book is organized in three broad sections The first concerns processes that are primarily physical such as mixing The second concerns processes that also involve biochemical changes such as thermal sterilization The third section addresses some broader issues that have not been discussed elsewhere including how to tour a plant how to choose among building a new plant expanding or renovating and how to develop processes

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