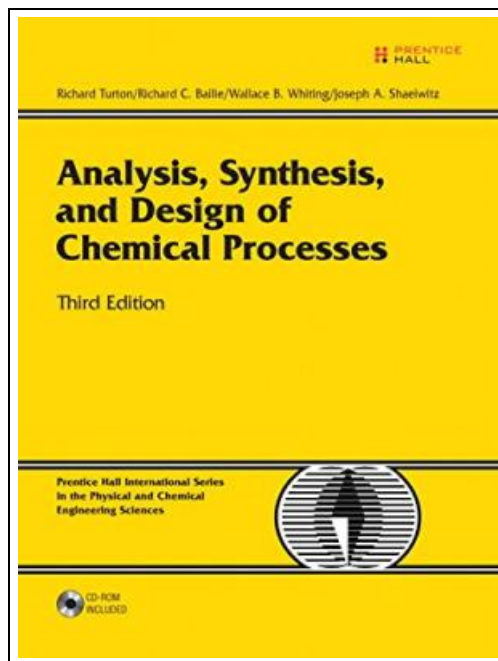


Analysis, Synthesis and Design of Chemical Processes (3rd Edition)



Filesize: 8.4 MB

Reviews

A fresh e-book with a new viewpoint. Better than never, though i am quite late in start reading this one. I am happy to explain how here is the very best ebook i actually have study during my individual lifestyle and may be he greatest pdf for actually.
(Diana Flatley)

ANALYSIS, SYNTHESIS AND DESIGN OF CHEMICAL PROCESSES (3RD EDITION)**DOWNLOAD**

Prentice Hall, 2009. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Material on the CD-ROM xix Preface xxiii About the Authors xxvii List of Nomenclature xxix SECTION 1: CONCEPTUALIZATION AND ANALYSIS OF CHEMICAL PROCESSES 1 Chapter 1: Diagrams for Understanding Chemical Processes 5 1.1 Block Flow Diagrams (BFDs) 7 1.2 Process Flow Diagram (PFD) 9 1.3 Piping and Instrumentation Diagram (P&ID) 26 1.4 Additional Diagrams 32 1.5 Three-Dimensional Representation of a Process 33 1.6 The 3-D Plant Model 42 1.7 Summary 44 References 45 Short Answer Questions 45 Problems 46 Chapter 2: The Structure and Synthesis of Process Flow Diagrams 51 2.1 Hierarchy of Process Design 51 2.2 Step 1-Batch versus Continuous Process 52 2.3 Step 2-The Input/Output Structure of the Process 57 2.4 Step 3-The Recycle Structure of the Process 68 2.5 Step 4-General Structure of the Separation System 84 2.6 Step 5-Heat-Exchanger Network or Process Energy Recovery System 84 2.7 Information Required and Sources 84 2.8 Summary 84 References 86 Short Answer Questions 88 Problems 88 Chapter 3: Batch Processing 93 3.1 Design Calculations for Batch Processes 93 3.2 Gantt Charts and Scheduling 100 3.3 Nonoverlapping, Overlapping Operations, and Cycle Times 101 3.4 Flowshop and Jobshop Plants 104 3.5 Product and Intermediate Storage and Parallel Process Units 110 3.6 Design of Equipment for Multiproduct Batch Processes 116 3.7 Summary 119 References 119 Short Answer Questions 119 Problems 120 Chapter 4: Chemical Product Design 123 4.1 Strategies for Chemical Product Design 124 4.2 Needs 126 4.3 Ideas 128 4.4 Selection 129 4.5 Manufacture 131 4.6 Batch Processing 132 4.7 Economic Considerations 132 4.8 Summary 133 References 133 Chapter 5: Tracing Chemicals through the Process Flow Diagram 135 5.1 Guidelines and Tactics for Tracing Chemicals 135 5.2 Tracing Primary Paths Taken by Chemicals in...

[Read Analysis, Synthesis and Design of Chemical Processes \(3rd Edition\) Online](#)[Download PDF Analysis, Synthesis and Design of Chemical Processes \(3rd Edition\)](#)

Other Books



Children s Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English]

Createspace, United States, 2013. Paperback. Book Condition: New. 254 x 178 mm. Language: English . Brand New Book ***** Print on Demand *****.ABOUT SMART READS for Kids . Love Art, Love Learning Welcome. Designed to...

[Download Document »](#)



The Perfect Name : A Step

Book Condition: Brand New. Book Condition: Brand New.

[Download Document »](#)



Children s Educational Book Junior Leonardo Da Vinci : An Introduction to the Art, Science and Inventions of This Great Genius Age 7 8 9 10 Year-Olds. [British English]

Createspace, United States, 2013. Paperback. Book Condition: New. 248 x 170 mm. Language: English . Brand New Book ***** Print on Demand *****.ABOUT SMART READS for Kids . Love Art, Love Learning Welcome. Designed to...

[Download Document »](#)



Leila: Further in the Life and Destinies of Darcy Dancer, Gentleman (Donleavy, J. P.)

Atlantic Monthly Press. PAPERBACK. Book Condition: New. 0871132885 12+ Year Old paperback book-Never Read-may have light shelf or handling wear-has a price sticker or price written inside front or back cover-publishers mark-Good Copy- I ship...

[Download Document »](#)



TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2005-09-01 Publisher: Chinese children before making Reading: All books are the...

[Download Document »](#)