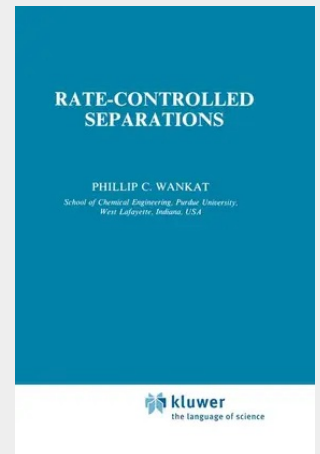


Rate-Controlled Separations

Separations have always been very important in chemical engineering. This importance has escalated with the emergence of new industries in biotechnology and high performance materials. Separations will continue to remain important in bulk chemical manufacturing, petroleum processing, and the other standard areas of interest in chemical engineering. This book covers separation processes which require a rate analysis for complete understanding. This includes most of the newer separation methods. Problem solving is emphasized throughout. A level of mathematical analysis is required, and an understanding of mass transfer is assumed. The book starts with crystallization, which is essentially equilibrium-based. The author then considers sorption separations, which can be (but seldom are) operated as equilibrium-staged systems, and membrane separations, which are inherently rate processes. Finally, there is a progress report on selection and sequencing of separations. The book is directed at senior undergraduate and graduate students of chemical engineering.

Springer Book Archives



309,23 €

289,00 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9780751402841
Medium: Buch
ISBN: 978-0-7514-0284-1
Verlag: Springer US
Erscheinungstermin: 31.07.1994
Sprache(n): Englisch
Auflage: 1. Auflage 1994
Produktform: Gebunden
Gewicht: 1580 g
Seiten: 873
Format (B x H): 155 x 235 mm

