



Periodic Operation Of Chemical Reactors

Author : P L Silveston R R Hudgins / **Category :** Technology & Engineering / **Total Pages :** 792 pages

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Summary : Free periodic operation of chemical reactors pdf download - this comprehensive review prepared by 24 experts many of whom are pioneers of the subject brings together in one place over 40 years of research in this unique publication this book will assist r d specialists research chemists chemical engineers or process managers harnessing periodic operations to improve their process plant performance periodic operation of reactors covers process fundamentals research equipment and methods and provides the state of the art for the periodic operation of many industrially important catalytic reactions emphasis is on experimental results modeling and simulation combined reaction and separation are dealt with including simulated moving bed chromatographic pressure and temperature swing and circulating bed reactors thus periodic operation of reactors offers readers a single comprehensive source for the broad and diverse new subject this exciting new publication is a must have for any professional working in chemical process research and development key features provides the only comprehensive reference on the fundamentals development and applications of periodic reactor operation using contributions from the research pioneers this authoritative reference focuses on applications helping readers to use this book to deliver results in their own work complete literature references will be an invaluable assistance for readers collecting data and models from past research about the editors peter l silveston is a distinguished professor emeritus at the university of waterloo in canada professor silveston has authored or co-authored three previous books on reactor engineering topics as well as close to 300 research publications he is a graduate of m i t and the technical university of munich germany robert hudgins is a professor emeritus at the university of waterloo his research interests are reactor engineering specifically periodic operation of catalytic reactors and he has about 250 research publications he is a graduate of the university of toronto and princeton university feature a comprehensive reference on the fundamentals development and applications of periodic operation benefit provides readers with a single comprehensive source for this extremely broad and diverse subject feature contributors and editors include the pioneers of the subject as well as the leading researchers in the

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