



Lecture Notes in Chemical Engineering Kinetics and Chemical Reactor Design (Paperback)

By Alex De Visscher

Createspace, United States, 2013. Paperback. Book Condition: New. 254 x 203 mm. Language: English . Brand New Book ***** Print on Demand *****.Chemical Engineering Kinetics and Reactor Design is one of the key courses in any academic Chemical Engineering studies, and it is typically offered in the third year of a Chemical Engineering undergraduate program. The main objective of this course is to learn to analyze the performance of chemical reactors, and to design them. This book covers all topics that are taught in an undergraduate course on Chemical Engineering Kinetics and Reactor Design. Starting from the study of chemical kinetics of homogeneous, noncatalytic systems, the book moves on to heterogeneous catalytic kinetics, enzymatic kinetics, and other complex systems. Armed with this knowledge, the student is taught how to describe batch reactors, continuous stirred-tank reactors, and plug-flow reactors. The book is concluded with a chapter on the determination of reaction kinetics from experimental data, and a chapter introducing advanced reactor design. While analytical solutions to reactor problems are discussed whenever they are relevant, the main focus is on numerical reactor models. All models are freely available either as Matlab code, or as an Excel file, on the series website that...



[DOWNLOAD PDF](#)



[READ ONLINE](#)
[4.67 MB]

Reviews

This is the best book i have read until now. It can be filled with knowledge and wisdom Once you begin to read the book, it is extremely difficult to leave it before concluding.

-- Nadia Konopelski

This publication might be well worth a study, and much better than other. It is among the most awesome book i have got study. You may like the way the article writer publish this publication.

-- Dr. Paige Bartell

Other PDFs



Children s Handwriting Book of Alphabets and Numbers: Over 4,000 Tracing Units for the Beginning Writer (Paperback)

Createspace, United States, 2015. Paperback. Book Condition: New. 254 x 203 mm. Language: English . Brand New Book ***** Print on Demand *****.The Children s Handwriting Book of Alphabets and Numbers provides extensive focus on alphabet tracing and number tracing for the...



Ella the Doggy Activity Book (Paperback)

Husky Publishing, United States, 2015. Paperback. Book Condition: New. 254 x 203 mm. Language: English . Brand New Book ***** Print on Demand *****.This activity book is comprised of crossword puzzles, word search games, word scrambles, coloring pages, mazes, and more! The...



Adult Coloring Book Birds: Advanced Realistic Bird Coloring Book for Adults (Paperback)

Createspace Independent Publishing Platform, United States, 2015. Paperback. Book Condition: New. 254 x 203 mm. Language: English . Brand New Book ***** Print on Demand *****.Take your coloring to the next level with this Advanced Adult Coloring Book of Birds! Get more...



Adult Coloring Books Reptiles: A Realistic Adult Coloring Book of Lizards, Snakes and Other Reptiles (Paperback)

Createspace Independent Publishing Platform, United States, 2015. Paperback. Book Condition: New. 254 x 203 mm. Language: English . Brand New Book ***** Print on Demand *****.Take your coloring to the next level with this Advanced Adult Coloring Book of Reptiles! Get more...



Nautical Coloring Book: An Advanced Adult Coloring Book of Nautical, Maritime and Seaside Scenes (Paperback)

Createspace Independent Publishing Platform, United States, 2015. Paperback. Book Condition: New. 254 x 203 mm. Language: English . Brand New Book ***** Print on Demand *****.Take your coloring to the next level with this Advanced Adult Coloring Book! Get more realistic coloring...



Alphabet Tracing (Paperback)

Createspace, United States, 2015. Paperback. Book Condition: New. 254 x 203 mm. Language: English . Brand New Book ***** Print on Demand *****.Alphabet Tracing, Letters A-Z, provides extensive focus on alphabet tracing and printed letter formation for the preschool and kindergarten beginning...
