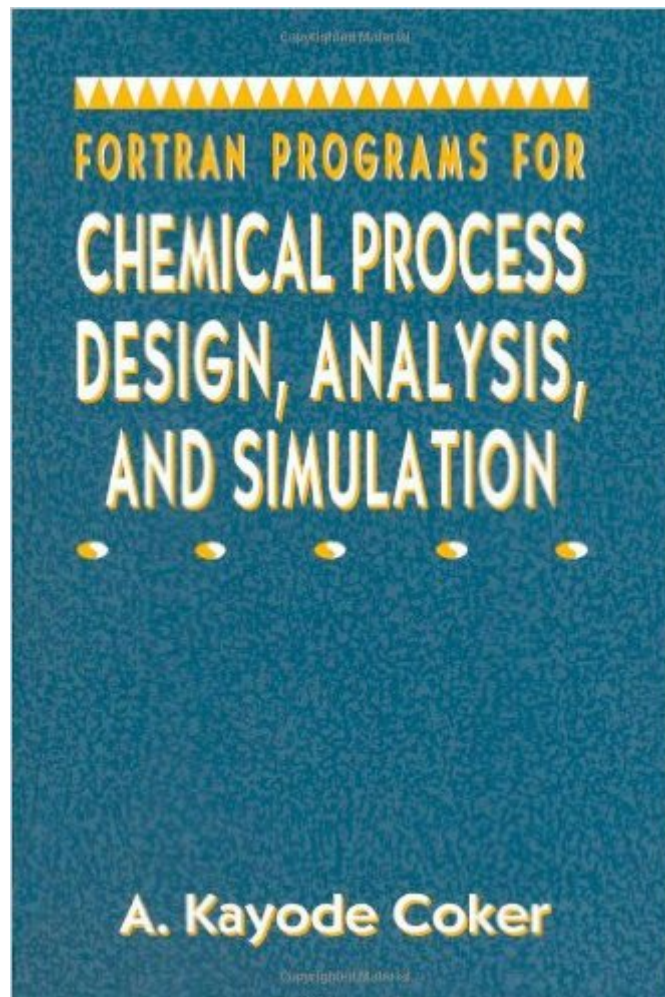


The book was found

Fortran Programs For Chemical Process Design, Analysis, And Simulation



Synopsis

This book gives engineers the fundamental theories, equations, and computer programs (including source codes) that provide a ready way to analyze and solve a wide range of process engineering problems.

Book Information

Hardcover: 854 pages

Publisher: Gulf Professional Publishing; Har/Dis edition (February 8, 1995)

Language: English

ISBN-10: 0884152804

ISBN-13: 978-0884152804

Product Dimensions: 9.3 x 6.4 x 2 inches

Shipping Weight: 3 pounds

Average Customer Review: 3.5 out of 5 starsÂ Â See all reviewsÂ (2 customer reviews)

Best Sellers Rank: #3,193,838 in Books (See Top 100 in Books) #106 inÂ Books > Computers & Technology > Programming > Languages & Tools > Fortran #2155 inÂ Books > Textbooks > Engineering > Chemical Engineering #4340 inÂ Books > Engineering & Transportation > Engineering > Chemical

Customer Reviews

Fortran lives on, as shown by the example source code given in this book. The programs are for chemical engineering applications. They deal at the macroscopic level with such key issues as simulating fluid flow in a reactor. You should note that none of the programs deal with chemistry, per se. That is, there is no involvement at the microscopic level with the detailed steps in a chemical reaction. The book is now 9 years old. But the source code has a flavour even older. Procedural, of course. The example programs are not that long, so you won't encounter scaling issues with writing large programs in a procedural fashion, as opposed to object oriented.

This book is a great introduction to the use of Fortran for Chemical Engineers. It is somewhat dated but still relevant. I would recommend it as a first book for anyone in modeling in Chemical Engineering

[Download to continue reading...](#)

Fortran Programs for Chemical Process Design, Analysis, and Simulation FORTRAN Programming

success in a day:Beginners guide to fast, easy and efficient learning of FORTRAN programming (Fortran, Css, C++, C, C programming, ... Programming, MYSQL, SQL Programming) Fortran Programming success in a day: Beginners guide to fast, easy and efficient learning of FORTRAN programming CUDA Fortran for Scientists and Engineers: Best Practices for Efficient CUDA Fortran Programming Introduction to Programming with Fortran: With Coverage of Fortran 90, 95, 2003, 2008 and 77 Analysis, Synthesis and Design of Chemical Processes (4th Edition) (Prentice Hall International Series in the Physical and Chemical Engineering Sciences) 4th (fourth) Edition by Turton, Richard, Bailie, Richard, Whiting, Wallace B., Shaei [2012] Chemical Engineering Design and Analysis: An Introduction (Cambridge Series in Chemical Engineering) Analysis of Engineering Design Studies for Demilitarization of Assembled Chemical Weapons at Pueblo Chemical Depot (The Compass series) Handbook of Chemical Compound Data for Process Safety (Library of Physico-Chemical Property Data) Chemical Engineering Design, Second Edition: Principles, Practice and Economics of Plant and Process Design Chemical Engineering Design: Principles, Practice and Economics of Plant and Process Design Brooks/Cole Empowerment Series: Social Welfare Policy and Social Programs (SW 323K Social Welfare Programs, Policies, and Issues) Insider's Guide to Graduate Programs in Clinical and Counseling Psychology (Insider's Guide to Graduate Programs in Clinical & Counseling Psychology) Graduate Programs in Business, Education, Information Studies, Law & Social Work 2017 (Peterson's Graduate Programs in Business, Education, Health, Information Studies, Law and Social Work) Effective TCP/IP Programming: 44 Tips to Improve Your Network Programs: 44 Tips to Improve Your Network Programs Switched Reluctance Motor Drives: Modeling, Simulation, Analysis, Design, and Applications (Industrial Electronics) Process Simulation Using WITNESS Guidelines for Chemical Reactivity Evaluation and Application to Process Design Radiochemistry and Nuclear Methods of Analysis (Chemical Analysis: A Series of Monographs on Analytical Chemistry and Its Applications) Analysis and Purification Methods in Combinatorial Chemistry (Chemical Analysis: A Series of Monographs on Analytical Chemistry and Its Applications)