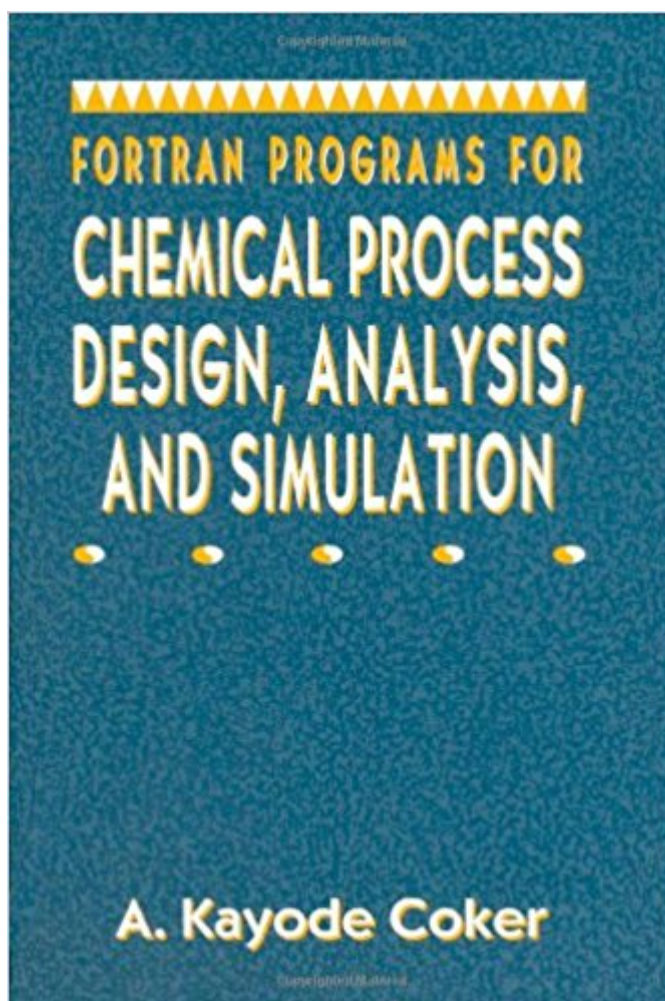




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Fortran Programs For Chemical Process Design, Analysis, And Simulation



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

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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

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

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