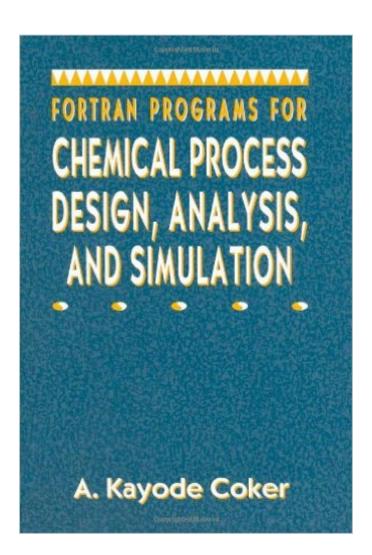
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# Fortran Programs For Chemical Process Design, Analysis, And Simulation





## 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**

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 stars Â See all reviews (2 customer reviews) Best Sellers Rank: #3,193,838 in Books (See Top 100 in Books) #106 in Books > Computers & Technology > Programming > Languages & Tools > Fortran #2155 in Books > Textbooks > Engineering > Chemical Engineering #4340 in 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

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