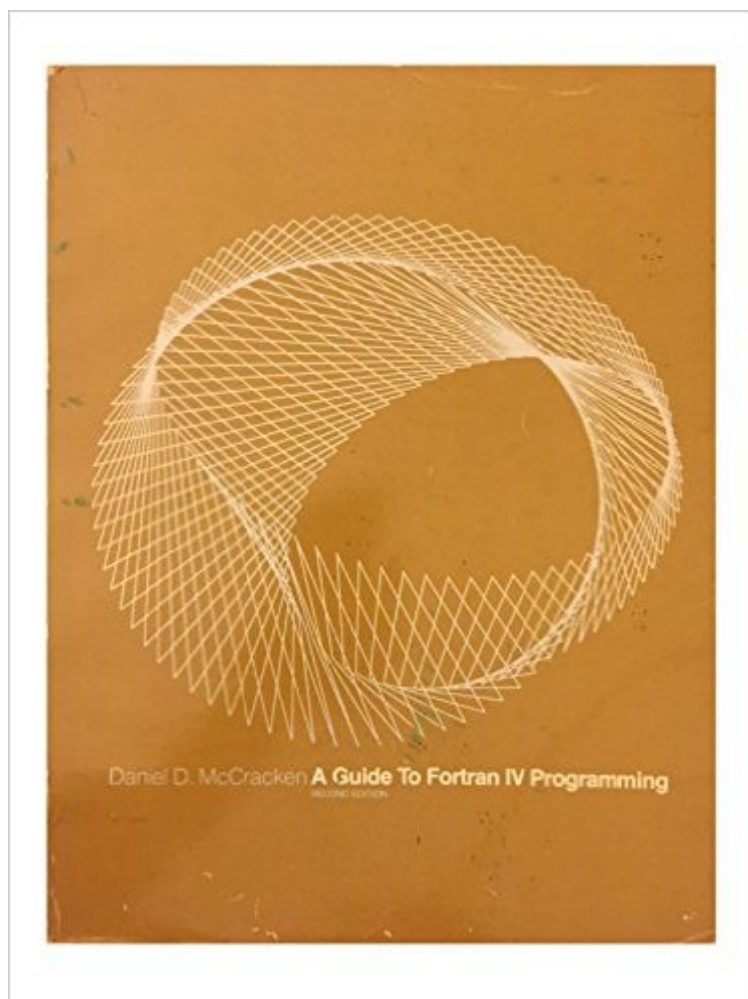


The book was found

Guide To Fortran IV Programming



Synopsis

This new edition of a popular bestseller contains material on operating systems (both batch and time-sharing), validation of input, object-program efficiency, and writing programs for comprehension and ease of checkout. It emphasizes the advantages of WATFOR and WATFIV and includes their error messages. There are many more exercises - 35 pages in all - plus applications in the exercises and case studies on statistics and business administration as well as science, engineering, and mathematics. The book follows The American National Standard on flowchart notation and the Fortran language. It also covers many valuable Fortran extensions. The index is easy to use and the reference provides an abundance of material for the reader.

Book Information

Paperback: 304 pages

Publisher: John Wiley & Sons Inc; 2nd edition (January 1, 1973)

Language: English

ISBN-10: 0471582816

ISBN-13: 978-0471582816

Product Dimensions: 10.8 x 8.4 x 0.4 inches

Shipping Weight: 13.6 ounces

Average Customer Review: 4.3 out of 5 starsÂ Â See all reviewsÂ (3 customer reviews)

Best Sellers Rank: #2,338,511 in Books (See Top 100 in Books) #76 inÂ Books > Computers & Technology > Programming > Languages & Tools > Fortran #16361 inÂ Books > Computers & Technology > Software #39603 inÂ Books > Science & Math > Mathematics

Customer Reviews

The pedagogic approach in this classic book is undeniably archaic, but the material is thorough. If you've mastered McCracken, including his appendices, you know your FORTRAN IV. (Why is this important? Knowing what F-IV function converts a DOUBLE to an INTEGER is, to me, analogous to Cmdr. Riker being able to satisfy Capt. Picard's seemingly quaint request [in "Encounter at Farpoint"] that he dock the Enterprise manually : ability fluently to use outdated tools is the true mark of a most senior authority.) McCracken's suggestions for term projects (e.g., chess-playing, which he starts with "simple" [though they weren't simple back then!] functions to display a chess position or to determine whether either king is in check in a given position) are still valid today. The appendices--demonstrating, for example, how one uses a time-sharing system (which was, then, quite newfangled) and works with a text editor--are classic expositions. I recall with crystal-clarity

when Larry L. referred this to me as a 13-year-old high-school junior taking a special summer course at Polytechnic. We did amazing things back then (in 1976), including programming simulations (punch cards, of course!) in CSMP, GPSS, and DYNAMO-II; programming analog computers (this came in handy in engineering school, when we used the same as an exercise in real-time solution of linear differential equations); and solving for node voltages and branch currents in passive RLC circuits. Those were the days!

This book was recommended to me back in my undergraduate college days from a fellow student who knew a lot about computers than I did. I found it to be a good introduction to the subject. For someone studying FORTRAN today, they might find it somewhat lacking in that it does not deal with the more recent capabilities of FORTRAN 77 and FORTRAN 95, such as how to more easily enable calculations involving matrices--as these more recent dialects more efficiently allow the programmer to perform.

The basics are still valid, and it's interesting to see how things were done in the past.

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

Fortran 77 Programming: With an Introduction to the Fortran 90 Standard (International Computer Science Series) Java: The Simple Guide to Learn Java Programming In No Time (Programming, Database, Java for dummies, coding books, java programming) (HTML, Javascript, Programming, Developers, Coding, CSS, PHP) (Volume 2) Guide to Fortran IV Programming Schaum's Outline of Theory and Problems of Programming With Fortran 90 (Schaum's Outlines) Programming in Standard FORTRAN 77 Linear Programming with Fortran CoArrays: Parallel Programming in Fortran (Chapman & Hall/CRC Computational Science) Fortran Programming for the Behavioural Sciences Fortran Codes for Mathematical Programming: Linear, Quadratic and Discrete Fortran 77: Featuring Structured Programming (3rd Edition) Python: Python Programming For Beginners - The Comprehensive Guide To Python Programming: Computer Programming, Computer Language, Computer Science Java: The Ultimate Guide to Learn Java and Python Programming (Programming, Java, Database, Java for dummies, coding books, java programming) (HTML, ... Developers, Coding, CSS, PHP) (Volume 3) Python: Python Programming For Beginners - The Comprehensive Guide To Python Programming: Computer Programming, Computer Language, Computer Science (Machine Language) Python: Python Programming Course: Learn the Crash Course to Learning the Basics of Python (Python Programming, Python Programming Course, Python Beginners Course) Swift Programming Artificial Intelligence: Made

Easy, w/ Essential Programming Learn to Create your * Problem Solving * Algorithms! TODAY! w/
Machine ... engineering, r programming, iOS development) Delphi Programming with COM and
ActiveX (Programming Series) (Charles River Media Programming) Programming #8:C
Programming Success in a Day & Android Programming in a Day! PowerShell: For Beginners!
Master The PowerShell Command Line In 24 Hours (Python Programming, Javascript, Computer
Programming, C++, SQL, Computer Hacking, Programming) Excel VBA Programming: Learn Excel
VBA Programming FAST and EASY! (Programming is Easy) (Volume 9) IEC 61131-3:
Programming Industrial Automation Systems: Concepts and Programming Languages,
Requirements for Programming Systems, Decision-Making Aids

[Dmca](#)