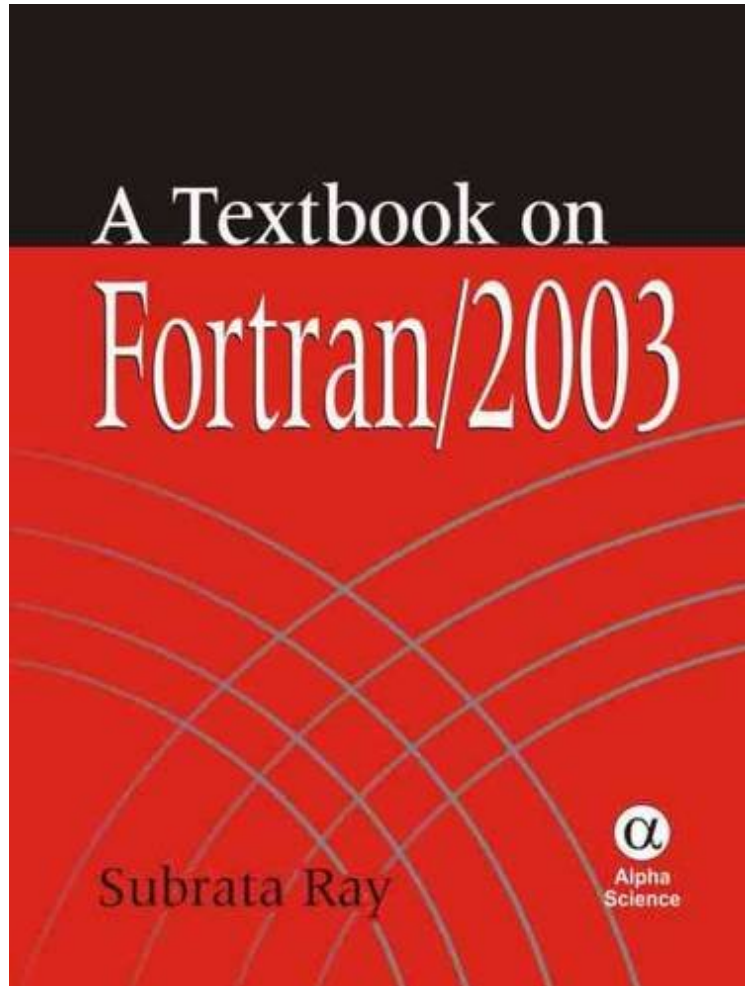


Textbook on Fortran 2003

Subrata Ray

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Subrata Ray : Textbook on Fortran 2003 before purchasing it in order to gage whether or not it would be worth my time, and all praised Textbook on Fortran 2003:

3 of 3 people found the following review helpful. NOT a Programming Textbook -- NOT for BeginnersBy Alan deMerI purchased this with a view to using it as a Fortran 2003 textbook in my course on Fortran. I won't use it for this, but I did keep it as a reference. It struck me as an informal language specification: more readable than a formal specification, but not a textbook that teaches effective use of the language.Fortran 2003 is a modern language. It is intended for numerical computation, but it includes recursion, pointers, compound data structures, and object-oriented features. It retains and expands upon the array-parallel features of Fortran 95. It includes many features that enable the compiler and linker to reveal errors that otherwise are some of the hardest to find. These should be included in every program in the book, from the very beginning. But, the book only gets around to them after the beginner has developed the hard-to-break habit of leaving them out (because they "don't have to be there").If you are an experienced

programmer, and have learned a number of languages, you could use this to learn Fortran 2003 without the baggage of earlier Fortran versions. The material appears complete (I haven't studied it thoroughly) and the presentation is concise. If you are not already a programmer, this book will get you off on the wrong foot. The material is presented in the classical order, simplest to most complex, which seems good, but actually encourages bad habits, because you learn to write "simple" programs, i.e., programs without the most important features (those that catch errors). The book does little, if anything, to develop good style or habits. 0 of 0 people found the following review helpful. Four Stars By milesrf Looks like a good way to catch up on how Fortran has changed since my previous jobs using it. 3 of 3 people found the following review helpful. Good Fortran book By DS Fortran 2003 book is a very well written and lucid text for both students and those who are interested in learning the changes in Fortran 2003 spec. Author has provided many examples and code snippets to illustrate the fine points of the language. I will recommend this book to any one interested in learning Fortran 2003 with out any reservation. Debasis Sengupta

A Textbook on Fortran/2003 is designed for the beginners who have not been exposed to the earlier versions of the language. At the same time, those who have used earlier versions can look into it for new features. Whenever possible a complete Fortran program has been used to illustrate a statement and tips for writing efficient and readable programs have been provided. Besides standard features of the language, some of the recent additions like Array Handling Intrinsic, Enhancement in Dynamic Memory Management, IEEE Arithmetic Modules, Variable Length Strings, Interoperability with C Programming Language, Object Oriented Programming Support, Derived Type Enhancements and many other new features of the language have been incorporated.

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