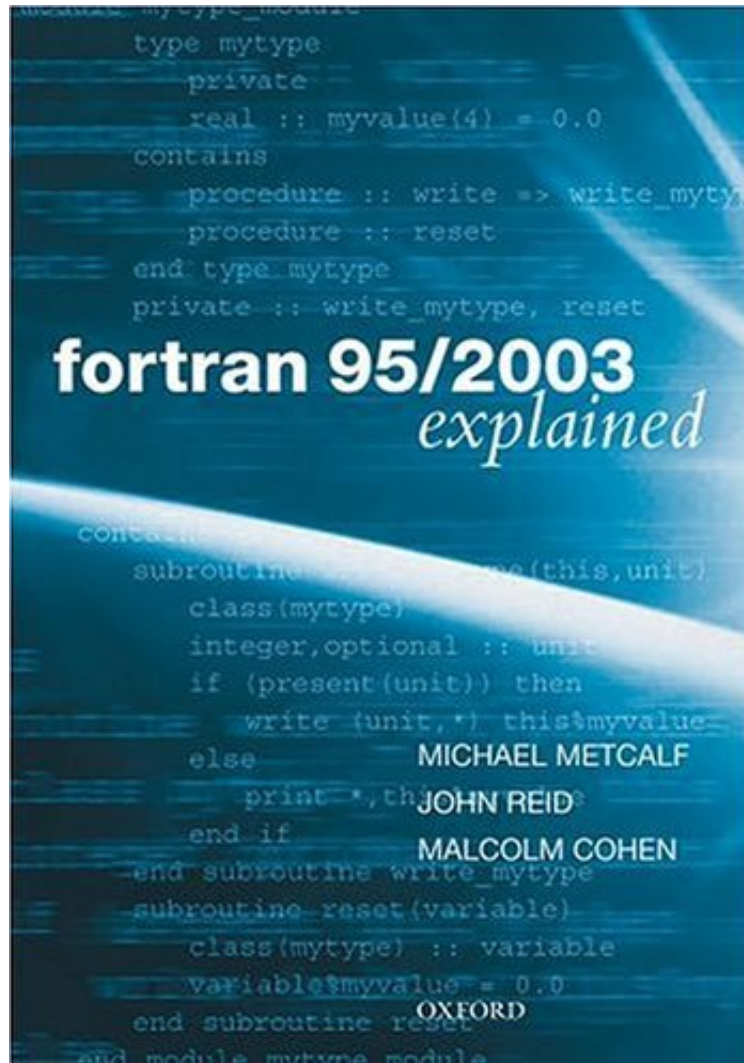


# Fortran 95/2003 Explained (Numerical Mathematics and Scientific Computation)

Von Michael Metcalf, John Reid, Malcolm Cohen  
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**Von Michael Metcalf, John Reid, Malcolm Cohen : Fortran 95/2003 Explained (Numerical Mathematics and Scientific Computation)** before purchasing it in order to gage whether or not it would be worth my time, and all praised Fortran 95/2003 Explained (Numerical Mathematics and Scientific Computation):

KundenrezensionenHilfreichste Kundenrezensionen1 von 1 Kunden fanden die folgende Rezension hilfreich. Sehr gute Erluterung der FortranstandardsVon Ernst AntonEine Warnung vorweg: Dieses Buch ist kaum als Einfhrung in Fortran zu verstehen. Es geht viel eher darum, jemandem, der grundstzlich mit Fortran (mindestens Fortran 90)

vertraut ist, zu vermitteln, was den Fortran-95-Standard ausmacht, und was der Fortran-2003-Standard Neues zu bieten hat. Diese Ausrichtung bemerkt man insbesondere dann, wenn man parallel die zugehörigen Standards liest. Daneben bietet das Buch vielerlei "Best Practices" für pragmatisches Fortran-Programmieren.

Kurzbeschreibung Fortran remains one of the principal languages used in scientific, numerical and engineering programming and a series of revisions to the standard versions of the language have progressively enhanced its power. The latest standard-Fortran 2003-greatly extends the power of the language, by introducing object-oriented concepts, interoperability with C, better integration with operating systems and many other enhancements. This text details all these new features. Fortran 95/2003 Explained, significantly expands on the second edition of Fortran 90/95 Explained (also published by Oxford University Press): the opening chapters contain a complete description of the Fortran 95 language and are followed by descriptions of three formally approved extensions; six completely new chapters describe in detail the features that are new in Fortran 2003, but the distinction between the various language levels is kept clear throughout. Authored by the leading experts in the development of the language, this is the only complete and authoritative description of the two languages (Fortran 95 and Fortran 2003). Containing numerous examples, exercises and solutions, and an extensive index, it is highly suitable as both a student textbook and practitioner reference. Pressestimmen 'The book is excellent. It is written in such a way that simple programs can already be coded after the first three chapters have been read.' EMS Newsletter Readers who are familiar with Fortran 90/95 Explained by Michael Malcolm and John Reid will be pleased to add Fortran 95/2003 Explained, with the welcome addition of Malcolm Cohen as co-author, to their libraries. As with the previous work, this is a model of clear exposition ... Practitioners will be happy to have this important new book. ACM Fortran Forum Kurzbeschreibung Fortran remains one of the principal languages used in scientific, numerical and engineering programming and a series of revisions to the standard versions of the language have progressively enhanced its power. The latest standard-Fortran 2003-greatly extends the power of the language, by introducing object-oriented concepts, interoperability with C, better integration with operating systems and many other enhancements. This text details all these new features. Fortran 95/2003 Explained, significantly expands on the second edition of Fortran 90/95 Explained (also published by Oxford University Press): the opening chapters contain a complete description of the Fortran 95 language and are followed by descriptions of three formally approved extensions; six completely new chapters describe in detail the features that are new in Fortran 2003, but the distinction between the various language levels is kept clear throughout. Authored by the leading experts in the development of the language, this is the only complete and authoritative description of the two languages (Fortran 95 and Fortran 2003). Containing numerous examples, exercises and solutions, and an extensive index, it is highly suitable as both a student textbook and practitioner reference.