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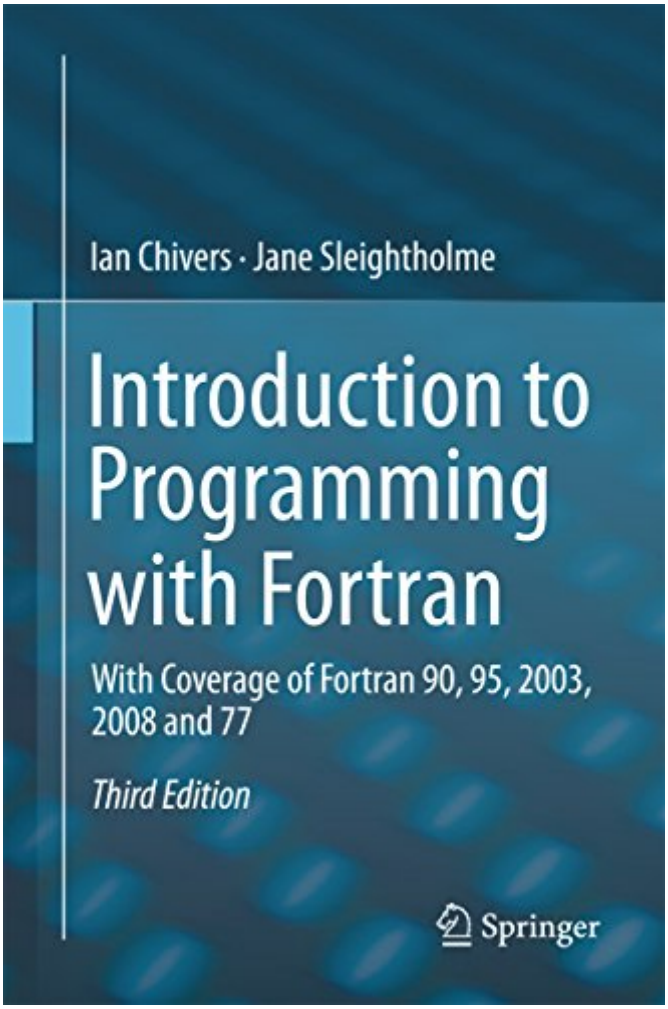
Introduction To Programming With Fortran: With Coverage Of Fortran 90, 95, 2003, 2008 And 77



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Synopsis

In response to feedback from course delegates this third edition has been revised throughout. It expands on the second edition with new and updated examples in the chapters on arithmetic, i/o, character data, modules, data structuring and generic programming with minor updates to the rest of the chapters.Key FeaturesÂ Â Â Â Â Â Â Â Â lots of clear, simple examples highlighting the core language featuresÂ of modern Fortran including data typing, array processing,Â control structures, functions, subroutines, modules,Â user defined types, pointers, operator overloading, generic programming, object oriented programming and parallel programmingÂ Â Â Â Â Â Â Â Â pinpoints common problems that occur when programmingÂ Â Â Â Â Â Â Â Â illustrates the use of several compilersÂ Â Â Â Â Â Â Â Â with better standards conformance in compilersÂ there are new examples illustrating the following major features: Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â - C InteropÂ Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â - IEEE arithmeticÂ Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â - parameterised derived typesIntroduction to Programming with Fortran will appeal to the complete beginner, existing Fortran programmers wishing to update their code and those with programming experience in other languages. Ian Chivers and Jane Sleightholme are the joint owners of comp-fortran-90 which is a lively forum for the exchange of technical details of the Fortran language. Ian is the editor of the ACM Fortran Forum, and Jane and Ian have both been involved in the Fortran standardisation process. The authors have been teaching and supporting Fortran and related areas for over 40 years and their latest book reflects the lessons that have been learnt from this.

Book Information

File Size: 5607 KB

Print Length: 674 pages

Publisher: Springer; 3 edition (August 7, 2015)

Publication Date: August 7, 2015

Sold by:Â Digital Services LLC

Language: English

ASIN: B013LCTZU4

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Not Enabled

Lending: Not Enabled

Enhanced Typesetting: Not Enabled

Best Sellers Rank: #1,487,811 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #96 inÂ Books > Computers & Technology > Programming > Languages & Tools > Fortran #2049 inÂ Kindle Store > Kindle eBooks > Computers & Technology > Programming > Software Design > Software Development #4007 inÂ Books > Computers & Technology > Programming > Introductory & Beginning

Customer Reviews

Pretty Comprehensive. I'm still reading it though.

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