Synopsis

The fourth edition of this text and reference remains focused on the current ANSI 83 standard and reflects the imminent Ada 9X standard in three ways: highlights all features of Ada that will be affected by the Ada 9X standard, and describes their design rationale in detail; summarizes important changes, including the increased support for object-oriented programming, the introduction of hierarchical library structure and the inclusion of protected objects; and provides details syntax changes in appendices for easy access.

Book Information

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Customer Reviews

John was one of the creators of Ada83 and his books have long been regarded as the "Bibles' of the Ada language. This is a great book for anyone using Ada 83 (which is still in heavy use in many defense companies). It also gives a nice introduction to the new Ada 95 (called Ada 9x at the time of this edition). This book covers the entire language in great detail yet avoids many of the 'language lawyer' issues that might confuse the beginning Ada programmer. I have used Ada for about 10 years in avionics and simulation applications and have always recommended John's books to newcommers to Ada. The inclusion of more complete examples would have helped (and have been added in later editions). While there are many good books on Ada available, this one still ranks as one of the best. It should not be the only book you use to learn the language (if you’re really serious) but it should be one of them!
Although the writing style was not terrible (for a book on a programming language), the utility of this book is near zero. There are no complete example programs in the book. In order to understand how different parts in an Ada program interact it would be helpful if complete programs were included. This book was assigned reading for a programming language course.

A must have reference if you are doing Ada programming. This book fully covers the original (Ada 83) version of the language.

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Programming in Ada: Plus an Overview of Ada 9X (International Computer Science Series)