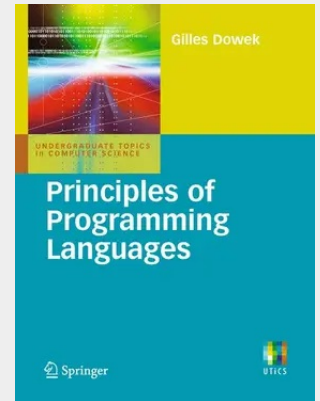


Principles of Programming Languages

By introducing the principles of programming languages, using the Java language as a support, Gilles Dowek provides the necessary fundamentals of this language as a first objective. It is important to realise that knowledge of a single programming language is not really enough. To be a good programmer, you should be familiar with several languages and be able to learn new ones. In order to do this, you'll need to understand universal concepts, such as functions or cells, which exist in one form or another in all programming languages. The most effective way to understand these universal concepts is to compare two or more languages. In this book, the author has chosen Caml and C. To understand the principles of programming languages, it is also important to learn how to precisely define the meaning of a program, and tools for doing so are discussed. Finally, there is coverage of basic algorithms for lists and trees. Written for students, this book presents what all scientists and engineers should know about programming languages.

Imperative Core.- Functions.- Exceptions.- Programming with Trees.- Objects.- Recursion.- Dynamic Data Types.- Programing with Lists.- Records



35,30 €

32,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9781848820319

Medium: Buch

ISBN: 978-1-84882-031-9

Verlag: Springer

Erscheinungstermin: 13.03.2009

Sprache(n): Englisch

Auflage: 1. Auflage. 2009

Serie: Undergraduate Topics in
Computer Science

Produktform: Kartoniert

Gewicht: 309 g

Seiten: 159

Format (B x H): 170 x 244 mm

