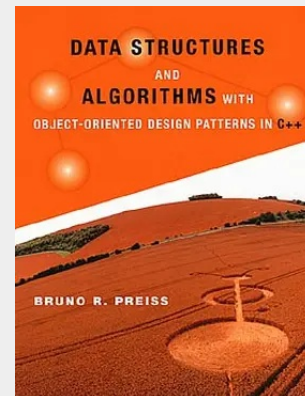


Data Structures and Algorithms with Object-Oriented Design Patterns in C++

Students will learn data structures and algorithms from a modern, object-oriented perspective with this new text. It uses a single class hierarchy as a framework to present all of the data structures. This framework clearly shows the relationships between data structures and illustrates how polymorphism and inheritance can be used effectively.

Ein neues Lehrbuch, das dem Studenten das Gebiet der Datenstrukturen und Algorithmen von einem modernen, objektorientierten Standpunkt her nahe bringt. Präzise dargestellt sind die Beziehungen zwischen Datenstrukturen sowie Möglichkeiten, Polymorphismen und Vererbung effektiv zu nutzen. Das Material orientiert sich einheitlich an C++; für alle Übungsaufgaben im Text sind Lösungen gegeben. (8/98)

Learn the latest object-oriented design patterns needed to create sound software designs Author Bruno Preiss presents the fundamentals of data structures and algorithms from a modern, object-oriented perspective. The text promotes object-oriented design using C++ and illustrates the use of the latest object-oriented design patterns. Virtually all the data structures are discussed in the context of a single class hierarchy. This framework clearly shows the relationships between data structures and illustrates how polymorphism and inheritance can be used effectively. Key Features of the Text All data structures are presented using a common framework. This clearly shows the relationship between the data structures and how they are implemented. Object-oriented design patterns are used to demonstrate how a good design fits together and transcends the problem at hand. A single C++ software design is used throughout the text to provide a better understanding of the operation of complicated data structures. Just-in-time presentation of mathematical analysis techniques introduces students to mathematical concepts as needed. Visit the Text's Web Site A comprehensive web site is available for users of the text at www.wiley.com/college/preiss. The site includes: The Web Book (a hypertext version of the complete book) Links to the C++ Source Code (all the program examples from the text) Programmer's Guide (instructions for using the code with different C++ compilers) Lecture Transparencies Complete Text (password required) LaTeX Source (password required) Plates: programs, figures, and tables enlarged (password required) Solutions Manual (password required)



215,50 €

201,40 € (zzgl. MwSt.)

Nicht mehr lieferbar

Artikelnummer: 9780471241348

Medium: Buch

ISBN: 978-0-471-24134-8

Verlag: John Wiley & Sons

Erscheinungstermin: 29.09.1998

Sprache(n): Englisch

Auflage: 1. Auflage 1998

Produktform: Gebunden

Gewicht: 1270 g

Seiten: 678

Format (B x H): 198 x 243 mm

