

## <<C++程序设计>>

### 图书基本信息

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## 内容概要

本书从实用角度出发介绍了使用C++语言进行面向对象编程的方法和技巧。

内容涵盖C++语言的数据类型、控制结构、语义语法分析以及软件开发方法，同时还列举了大量的实例，帮助读者加深对所学内容的理解和上机实践能力的提高。

本书在第一版基础上进行了修订，不仅在内容上进行了调整，增加了在编写第一版时认为比较超前而未选用的内容，同时还将C++版本升级为ISO/ANSI标准C++程序语言。

每章在最前面提出本章学习要求，每章后配有快速测试、备考练习、编程热身练习和习题解答，便于读者把握每章重点和难点。

本书可作为高等学校教材，也可供从事软件开发的技术人员学习参考。

内容：1. 程序设计与计算方法概述 2. C++句法、语义及程序开发流程 3. 数值类型、表达式及输出 4. 程序输入及软件设计方法 5. 条件、逻辑表达式及分支控制结构 6. 循环 7. 函数 8. 作用域、生命周期及函数的相关信息 9. 其他控制结构 10. 数据类型--系统提供类型和用户自定义类型 11. 结构类型、数据抽象和类 12. 数组 13. 基于数组的表 14. 面向对象的软件开发方法 15. 递归

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