

<<数据结构与算法分析>>

图书基本信息

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内容概要

《数据结构与算法分析：C语言描述》(英文版第2版)是数据结构和算法分析方面的经典教材。第2版更加精炼并强化了《数据结构与算法分析：C语言描述》(英文版第2版)创新的对算法和数据结构的讲授方法。

通过C程序的实现，着重阐述了抽象数据类型 (ADT) 的概念，并对算法的效率、性能和运行时间进行了分析。

《数据结构与算法分析：C语言描述》(英文版第2版)适合作为本科数据结构课程或研究生第一年算法分析课程的教材。

第1~9章为大多数本科一学期数据结构课程提供了足够的材料。

多学时课程可讲授第10章。

研究生的算法分析课程可以使用第6~12章的内容。

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作者简介

Mark Allen Weiss, 美国佛罗里达国际大学计算机学院教授, 普林斯顿大学计算机科学博士, 他目前是AP (Advanced Placement) 考试计算机学科委员会的主席。除本书外, 他还撰写了Data Structures and Problem Solving Using Java (中文版第3版即将由人民邮电出版社出版) 等著作。

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编辑推荐

作者Mark Allen Weiss在数据结构与算法分析方面卓有建树，他在此方面的著作尤其畅销，并受到广泛好评。

他的Data Structures and Algorithm Analysis曾被评为20世纪最佳的30种计算机著作之一，本书是此书的C语言版。

他在数据结构与算法分析方面的系列著作已被国际上500余所大学用做教材。

本书根据国内的教学实际对原版部分章节的内容做了调整和改编，使之更加紧凑，改编工作得到了原书作者的首肯和支持。

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