

<<操作系统概念>>

图书基本信息

书名：<<操作系统概念>>

13位ISBN编号：9787040215090

10位ISBN编号：7040215098

出版时间：2007-4

出版时间：高等教育出版社

作者：西尔伯查茨

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### 内容概要

操作系统是计算机系统的基本组成部分，同样，“操作系统”课程也是计算机科学教育的基本组成部分，随着计算机在众多领域得到广泛应用，操作系统也正在以惊人的速度发展着。

本书是一本操作系统的入门教材，清晰直观地描述了操作系统的基本概念，阐述了重要理论结论，并通过使用图表和例子来代替证明，以说明结论的正确性。

本书共有八大部分：第1章与第2章解释操作系统是什么、能做什么以及它们是如何设计与构造的。

第3章到第7章描述作为现代操作系统核心的进程以及并发的概念。

第8章和第9章主要讨论进程执行过程中的主存管理问题、保护和安全。

第14章和第15章讨论为使操作系统中的进程活动，如何对系统中的进程加以保护。

第19章和第20章讨论专用系统，包括实时系统与多媒体系统。

第21章到第23章和网站上的附录A到附录C通过描述实际操作系统，融合了本书的概念。

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作者简介

作者：(美国)西尔伯查茨 (美国)高尔文 (美国)加根

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## 编辑推荐

《国外优秀信息科学与技术系列教学用书·操作系统概念:Java实现(第7版影印版)》重新作了更新,包括当前最新的主题、应用及设计,以帮助你缩小理论与实践之间的差距。

全书结合客户机—服务器模式,带你逐步学习编程的主要内容。

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版式设计使你更方便学习章节、丰富的例子、编程练习等,以帮助你吸收和加强所学的知识。

通过这些全面的支持,你将有信心尽快进入操作系统设计的世界。

作者Abraham Silberschatz是美国耶鲁大学计算机科学系教授,曾任新泽西州Murray Hill的贝尔实验室信息科学研究中心副主任。

Peter Baer Galvin是技术合作公司的技术主管,曾任美国布朗大学计算机科学系的系统主管。

作为顾问和培训教师,他在世界各地讲解和教授网络系统管理、安全和性能等。

Greg Gagne是美国盐湖城威斯特敏斯特学院计算机科学系主任。

除了讲授操作系统外,他还教授计算机网络、分布式系统和软件工程等。

一流的品质,优惠的价格,本套教学用书的特点:权威性——教育部高等教育司推荐、教育部高等学校信息科学与技术引进教材专家组遴选系统性——覆盖计算机专业主干课程和非计算机专业计算机基础课程先进性——著名计算机专家近两年的最新著作,内容体系先进经济性——价格与国内自编教材相当,是国内引进教材价格最低的深入当今最为流行的操作系统内部当今的操作系统如何工作?

Abraham Silberschatz、Peter Baer Galvin和Greg Gagne将带你尽快了解计算机操作系统的有关键概念。

采用流行的Java编程语言,此新版本以通俗易懂的方式引导你全面了解操作系统的理论基础,从而使你在进行更高级的计算机工作时能应用到许多系统中。

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