

<<计算机体系结构习题与解答>>

图书基本信息

书名：<<计算机体系结构习题与解答>>

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内容概要

本书介绍了与计算机体系结构相关的各种主题。

第1章到第5章介绍了计算机体系结构课程中的许多基本概念，包括：数据表示与算术运算、计算机组织、编程模型、处理器设计。

第6章和7章分别讨论了流水线和指令级并行性方法，它们都是影响现代处理器的重要因素。

第8章到第10章介绍了各种存储器系统的设计，包括存储器层次结构、高速缓冲存储器和虚拟存储器。

第11章讨论了输入/输出系统。

第12章介绍了多处理器系统。

通过阅读本书，读者能够迅速了解与计算机体系结构相关的各种知识，并将其应用到其他课程的学习和编程实践中。

本书内容全面，每章均提供了大量的实例和习题，是学习计算机体系结构课程的一本极佳教辅材料。

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