

<<微机接口技术实验教程>>

图书基本信息

书名：<<微机接口技术实验教程>>

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内容概要

本书是作者在美国加州大学伯克利分校15年教学经验的结晶。

它对PC机接口实验过程进行了详尽的阐述。

具体涉及到的问题有：如何设计出实验所需的电子电路；如何编写计算机程序来测量、分析和显示实际物理量，如位移、温度、压力、光波波长等等。

全书不仅包含大量的实验习题，而且附录的内容也十分丰富，提供有计算机体系结构和接口方面的实用信息，并附有完整的图表说明。

书中主题包括模拟放大器、信号处理、模/数及数/模转换、电子传感器、激励器、数字模拟接口电路、数据分析与控制等。

在阅读本书前，读者需要已掌握基本的电子学知识。

本书可用做大学电子技术和微机接口技术实验教材，也可供相关领域内专业技术人员、研究人员阅读。

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作者简介

Stephen E.Derenzo目前是加州大学伯克利分校电气工程与计算机科学系的教授，同时还是美国劳伦斯国家实验室的资深科学家。

15年来，他一直致力于电子电路、电子转换器、微机接口方面的教学工作，本书凝聚了他多年的心血。

他已独立或合作发表了150多部教学论著。

他还是IEEE

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