

<<电路分析基础>>

图书基本信息

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内容概要

本书由浅入深、系统全面地讲解了电子电路及电子系统的基本元件、基本概念、基本分析理论和计算方法，主要包括电路基本元件、简单电阻电路分析、电路常见分析法、运算放大器基本应用电路、一阶和二阶电路的分析、正弦稳态分析及其功率计算、平衡三相电路、选频电路及滤波器等。此外，本书结合多年教学经验和生活中的实际应用，给出了大量例题和习题、详尽的图表资料和丰富的实用电路范例。

本书适合作为电气、电子、计算机与自动化等本科专业电路分析或电路理论课程的双语教材，也可供相关学科的科技人员自学或参考。

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作者简介

James W. Nilsson执教于美国依阿华州立大学39年。
退休后任圣母大学、加州州立工业大学（圣路易斯 - 奥比斯波市）和美国空军学院客座教授。
1962年与R.G. Brown合著Introduction to Linear Systems Analysis，1968年撰写Introduction to Circuits
, Instruments, and Electronics，1

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