

<<数字信号处理>>

图书基本信息

书名：<<数字信号处理>>

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### 内容概要

《国外电子与通信教材系列：数字信号处理（第3版·英文版）》全面讨论了数字信号处理的基本概念、原理和应用。

全书共13章，主要包括离散序列和系统、离散傅里叶变换和其快速算法、有限和无限脉冲响应的滤波器的设计基本原理的基本数字信号处理内容，另外包括数字网络和滤波器、离散希尔伯特变换、抽样率的变换和信号平均、信号数字化及其影响的专业信号处理内容。

给出了多年总结出的数字信号处理的一些技巧，包括如何进行复数的快速乘法、实序列的FFT变换、使用FFT的FIR滤波器设计等。

附录对数字信号处理涉及的数学知识和术语给出了详细介绍和总结。

相比于前版，本书每章都新增了部分内容，并附了习题，便于读者的自学。

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