

<<数字信号处理>>

图书基本信息

书名：<<数字信号处理>>

13位ISBN编号：9787121176128

10位ISBN编号：7121176122

出版时间：2012-8

出版时间：电子工业出版社

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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。

## 书籍目录

Chapter 1 Discrete Sequences and Systems  
 1.1 DISCRETE SEQUENCES AND THEIR NOTATION  
 1.2 SIGNAL AMPLITUDE, MAGNITUDE, POWER  
 1.3 SIGNAL PROCESSING OPERATIONAL SYMBOLS  
 1.4 INTRODUCTION TO DISCRETE LINEAR TIME-INVARIANT SYSTEMS  
 1.5 DISCRETE LINEAR SYSTEMS  
 1.5.1 Example of a Linear System  
 1.5.2 Example of a Nonlinear System  
 1.6 TIME-INVARIANT SYSTEMS  
 1.6.1 Example of a Time-Invariant System  
 1.7 THE COMMUTATIVE PROPERTY OF LINEAR TIME-INVARIANT SYSTEMS  
 1.8 ANALYZING LINEAR TIME-INVARIANT SYSTEMS  
 REFERENCES  
 CHAPTER 1 PROBLEMS  
 Chapter 2 Periodic Sampling  
 2.1 ALIASING: SIGNAL AMBIGUITY IN THE FREQUENCY DOMAIN  
 2.2 SAMPLING LOWPASS SIGNALS  
 2.3 SAMPLING BANDPASS SIGNALS  
 2.4 PRACTICAL ASPECTS OF BANDPASS SAMPLING  
 2.4.1 Spectral Inversion in Bandpass Sampling  
 2.4.2 Positioning Sampled Spectra at  $f_s/4$   
 2.4.3 Noise in Bandpass-Sampled Signals  
 REFERENCES  
 CHAPTER 2 PROBLEMS  
 CHAPTER 3 The Discrete Fourier Transform  
 3.1 UNDERSTANDING THE DFT EQUATION  
 3.1.1 DFT Example  
 3.2 DFT SYMMETRY  
 3.3 DFT LINEARITY  
 3.4 DFT MAGNITUDES  
 3.5 DFT FREQUENCY AXIS  
 3.6 DFT SHIFTING THEOREM  
 3.6.1 DFT Example  
 3.7 INVERSE DFT  
 3.8 DFT LEAKAGE  
 3.9 WINDOWS  
 3.10 DFT SCALLOPING LOSS  
 3.11 DFT RESOLUTION, ZERO PADDING, AND FREQUENCY-DOMAIN SAMPLING  
 3.12 DFT PROCESSING GAIN  
 3.12.1 Processing Gain of a Single DFT  
 3.12.2 Integration Gain Due to Averaging Multiple DFTs  
 3.13 THE DFT OF RECTANGULAR FUNCTIONS  
 3.13.1 DFT of a General Rectangular Function  
 3.13.2 DFT of a Symmetrical Rectangular Function  
 3.13.3 DFT of an All-Ones Rectangular Function  
 3.13.4 Time and Frequency Axes Associated with the DFT  
 3.13.5 Alternate Form of the DFT of an All-Ones Rectangular Function  
 3.14 INTERPRETING THE DFT USING THE DISCRETE-TIME FOURIER TRANSFORM  
 REFERENCES  
 CHAPTER 3 PROBLEMS  
 Chapter 4 The Fast Fourier Transform  
 4.1 RELATIONSHIP OF THE FFT TO THE DFT  
 4.2 HINTS ON USING FFTS IN PRACTICE  
 4.2.1 Sample Fast Enough and Long Enough  
 4.2.2 Manipulating the Time Data Prior to Transformation  
 4.2.3 Enhancing FFT Results  
 4.2.4 Interpreting FFT Results  
 4.3 DERIVATION OF THE RADIX-2 FFT ALGORITHM  
 4.4 FFT INPUT/OUTPUT DATA INDEX BIT REVERSAL  
 4.5 RADIX-2 FFT BUTTERFLY STRUCTURES  
 4.6 ALTERNATE SINGLE-BUTTERFLY STRUCTURES  
 REFERENCES  
 CHAPTER 4 PROBLEMS  
 Chapter 5 Finite Impulse Response Filters  
 5.1 AN INTRODUCTION TO FINITE IMPULSE RESPONSE (FIR) FILTERS  
 5.2 CONVOLUTION IN FIR FILTERS  
 5.3 LOWPASS FIR FILTER DESIGN  
 5.3.1 Window Design Method  
 5.3.2 Windows Used in FIR Filter Design  
 5.4 BANDPASS FIR FILTER DESIGN  
 5.5 HIGHPASS FIR FILTER DESIGN  
 5.6 PARKS-MCCLELLAN EXCHANGE FIR FILTER DESIGN METHOD  
 5.7 HALF-BAND FIR FILTERS  
 5.8 PHASE RESPONSE OF FIR FILTERS  
 5.9 A GENERIC DESCRIPTION OF DISCRETE CONVOLUTION  
 5.9.1 Discrete Convolution in the Time Domain  
 5.9.2 The Convolution Theorem  
 5.9.3 Applying the Convolution Theorem  
 5.10 ANALYZING FIR FILTERS  
 5.10.1 Algebraic Analysis of FIR Filters  
 5.10.2 DFT Analysis of FIR Filters  
 5.10.3 FIR Filter Group Delay Revisited  
 5.10.4 FIR Filter Passband Gain  
 5.10.5 Estimating the Number of FIR Filter Taps  
 REFERENCES  
 CHAPTER 5 PROBLEMS  
 Chapter 6 Infinite Impulse Response Filters  
 6.1 AN INTRODUCTION TO INFINITE IMPULSE RESPONSE FILTERS  
 6.2 THE LAPLACE TRANSFORM  
 6.2.1 Poles and Zeros on the s-Plane and Stability  
 6.3 THE z - TRANSFORM  
 6.3.1 Poles, Zeros, and Digital Filter Stability  
 6.4 USING THE z - TRANSFORM TO ANALYZE IIR FILTERS  
 6.4.1 z -Domain IIR Filter Analysis  
 6.4.2 IIR Filter Analysis Example  
 6.5 USING POLES AND ZEROS TO ANALYZE IIR FILTERS  
 6.5.1 IIR Filter Transfer Function Algebra  
 6.5.2 Using Poles/Zeros to Obtain Transfer Functions  
 6.6 ALTERNATE IIR FILTER STRUCTURES  
 6.6.1 Direct Form I, Direct Form II, and Transposed Structures  
 6.6.2 The Transposition Theorem  
 6.7 PITFALLS IN BUILDING IIR FILTERS  
 6.8 IMPROVING IIR FILTERS WITH CASCADED STRUCTURES  
 6.8.1 Cascade and Parallel Filter Properties  
 6.8.2 Cascading IIR Filters  
 6.9 SCALING THE GAIN OF IIR FILTERS  
 6.10 IMPULSE INVARIANCE IIR FILTER DESIGN METHOD  
 6.10.1 Impulse Invariance Design Method 1 Example  
 6.10.2 Impulse Invariance Design Method 2 Example  
 6.11 BILINEAR TRANSFORM

IIR FILTER DESIGN METHOD6.11.1 Bilinear Trans

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