

《数字视频处理》

图书基本信息

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内容概要

内容简介

数字视频是用数字手段提供全运动视频图象的高新技术，近十余年来推助了多媒体，虚拟现实，视频通信，VCD等产业的飞速发展；在即将来临的信息社会中，还将给计算机，通信，影象等产业以巨大的推动。为帮助读者在未来破浪前进，这本及时问世的书首次全面讲述了数字视频处理的原理以及面向各种应用的主要算法。全书分为6个部分：数字视频表示，包括视频图象模型和空域—时域采样；二维运动估计；三维运动估计；视频滤波；静图象压缩；视频压缩。本书是在为研究生和高年级学生讲课基础上写成的，取材全面系统，表述精练，插图丰富并有详尽的文献索引，对于所用的数学原理，作者进行了仔细处理和精心安排，特别便于自学。

书籍目录

Contents

Preface

About the Author

About the Notation

REPRESENTATION OF DIGITAL VIDEO

1 BASICS OF VIDEO

1.1 Analog Video

1.1.1 Analog Video Signal

1.1.2 Analog Video Standards

1.1.3 Analog Video Equipment

1.2 Digital Video

1.2.1 Digital Video Signal

1.2.2 Digital Video Standards

1.2.3 Why Digital Video?

1.3 Digital Video Processing

2 TIME-VARYING IMAGE FORMATION MODELS

2.1 Three-Dimensional Motion Models

2.1.1 Rigid Motion in the Cartesian Coordinates

2.1.2 Rigid Motion in the Homogeneous Coordinates

2.1.3 Deformable Motion

2.2 Geometric Image Formation

2.2.1 Perspective Projection

2.2.2 Orthographic Projection

2.3 Photometric Image Formation

2.3.1 Lambertian Reflectance Model

2.3.2 Photometric Effects of 3-D Motion

2.4 Observation Noise

2.5 Exercises

3 SPATIO-TEMPORAL SAMPLING

3.1 Sampling for Analog and Digital Video

3.1.1 Sampling Structures for Analog Video

3.1.2 Sampling Structures for Digital Video

3.2 Two-Dimensional Rectangular Sampling

3.2.1 2-D Fourier Transform Relations

3.2.2 Spectrum of the Sampled Signal

3.3 Two-Dimensional Periodic Sampling

3.3.1 Sampling Geometry

3.3.2 2-D Fourier Transform Relations in Vector Form

3.3.3 Spectrum of the Sampled Signal

3.4 Sampling on 3-D Structures

3.4.1 Sampling on a Lattice

3.4.2 Fourier Transform on a Lattice

3.4.3 Spectrum of Signals Sampled on a Lattice

3.4.4 Other Sampling Structures

3.5 Reconstruction from Samples

3.5.1 Reconstruction from Rectangular Samples

3.5.2 Reconstruction from Samples on a Lattice

3.6 Exercises

4 SAMPLING STRUCTURE CONVERSION

4.1 Sampling Rate Change for I-D Signals

4.1.1 Interpolation of I-D Signals

4.1.2 Decimation of I-D Signals

4.1.3 Sampling Rate Change by a Rational Factor

4.2 Sampling Lattice Conversion

4.3 Exercises

5 TWO-DIMENSIONAL MOTION ESTIMATION

OPTICAL FLOW METHODS

5.1 2-D Motion vs. Apparent Motion

5.1.1 2-D Motion

5.1.2 Correspondence and Optical Flow

5.2 2-D Motion Estimation

5.2.1 The Occlusion Problem

5.2.2 The Aperture Problem

5.2.3 Two-Dimensional Motion Field Models

5.3 Methods Using the Optical Flow Equation

5.3.1 The Optical Flow Equation

5.3.2 Second-Order Differential Methods

5.3.3 Block Motion Model

5.3.4 Horn and Schunck Method

5.3.5 Estimation of the Gradients

5.3.6 Adaptive Methods

5.4 Examples

5.5 Exercises

6 BLOCK-BASED METHODS

6.1 Block-Motion Models

6.1.1 Translational Block Motion

6.1.2 Generalized/Deformable Block Motion

6.2 Phase-Correlation Method

6.2.1 The Phase-Correlation Function

6.2.2 Implementation Issues

6.3 Block-Matching Method

6.3.1 Matching Criteria

6.3.2 Search Procedures

6.4 Hierarchical Motion Estimation

6.5 Generalized Block-Motion Estimation

6.5.1 Postprocessing for Improved Motion Compensation

6.5.2 Deformable Block Matching

6.6 Examples

6.7 Exercises

7 PEL-RECURSIVE METHODS

7.1 Displaced Frame Difference

7.2 Gradient-Based Optimization

7.2.1 Steepest-Descent Method

7.2.2 Newton-Raphson Method

7.2.3 Local vs. Global Minima

7.3 Steepest-Descent-Based Algorithms

- 7.3.1 Netravali-Robbins Algorithm
- 7.3.2 Walker-Rao Algorithm
- 7.3.3 Extension to the Block Motion Model
- 7.4 Wiener-Estimation-Based Algorithms
- 7.5 Examples
- 7.6 Exercises
- 8 BAYESIAN METHODS
- 8.1 Optimization Methods
 - 8.1.1 Simulated Annealing
 - 8.1.2 Iterated Conditional Modes
 - 8.1.3 Mean Field Annealing
 - 8.1.4 Highest Confidence First
- 8.2 Basics of MAP Motion Estimation
 - 8.2.1 The Likelihood Model
 - 8.2.2 The Prior Model
- 8.3 MAP Motion Estimation Algorithms
 - 8.3.1 Formulation with Discontinuity Model,
 - 8.3.2 Estimation with Local Outlier Rejection
 - 8.3.3 Estimation with Region Labeling
- 8.4 Examples
- 8.5 Exercises
- III THREE-DIMENSIONAL MOTION ESTIMATION AND SEGMENTATION
- 9 METHODS USING POINT CORRESPONDENCES
- 9.1 Modeling the Projected Displacement Field
 - 9.1.1 Orthographic Displacement Field Model
 - 9.1.2 Perspective Displacement Field Model
- 9.2 Methods Based on the Orthographic Model
 - 9.2.1 Two-Step Iteration Method from Two Views
 - 9.2.2 An Improved Iterative Method
- 9.3 Methods Based on the Perspective Model
 - 9.3.1 The Epipolar Constraint and Essential Parameters
 - 9.3.2 Estimation of the Essential Parameters
 - 9.3.3 Decomposition of the E-Matrix
 - 9.3.4 Algorithm
- 9.4 The Case of 3-D Planar Surfaces
 - 9.4.1 The Pure Parameters
 - 9.4.2 Estimation of the Pure Parameters
 - 9.4.3 Estimation of the Motion and Structure Parameters
- 9.5 Examples
 - 9.5.1 Numerical Simulations
 - 9.5.2 Experiments with Two Frames of Miss America
- 9.6 Exercises
- 10 OPTICAL FLOW AND DIRECT METHODS
- 10.1 Modeling the Projected Velocity Field
 - 10.1.1 Orthographic Velocity Field Model
 - 10.1.2 Perspective Velocity Field Model
 - 10.1.3 Perspective Velocity vs. Displacement Models
- 10.2 Focus of Expansion

- 10.3 Algebraic Methods Using Optical Flow
 - 10.3.1 Uniqueness of the Solution
 - 10.3.2 Affine Flow
 - 10.3.3 Quadratic Flow
 - 10.3.4 Arbitrary Flow
- 10.4 Optimization Methods Using Optical Flow
- 10.5 Direct Methods
 - 10.5.1 Extension of Optical Flow-Based Methods
 - 10.5.2 Tsai-Huang Method
- 10.6 Examples
 - 10.6.1 Numerical Simulations
 - 10.6.2 Experiments with Two Frames of Miss America
- 10.7 Exercises
- 11 MOTION SEGMENTATION
 - 11.1 Direct Methods
 - 11.1.1 Thresholding for Change Detection
 - 11.1.2 An Algorithm Using Mapping Parameters
 - 11.1.3 Estimation of Model Parameters
 - 11.2 Optical Flow Segmentation
 - 11.2.1 Modified Hough Transform Method
 - 11.2.2 Segmentation for Layered Video Representation .
 - 11.2.3 Bayesian Segmentation
 - 11.3 Simultaneous Estimation and Segmentation
 - 11.3.1 Motion Field Model
 - 11.3.2 Problem Formulation
 - 11.3.3 The Algorithm
 - 11.3.4 Relationship to Other Algorithms
 - 11.4 Examples
 - 11.5 Exercises
- 12 STEREO AND MOTION TRACKING
 - 12.1 Motion and Structure from Stereo
 - 12.1.1 Still-Frame Stereo Imaging
 - 12.1.2 3-D Feature Matching for Motion Estimation
 - 12.1.3 Stereo-Motion Fusion
 - 12.1.4 Extension to Multiple Motion
 - 12.2 Motion Tracking
 - 12.2.1 Basic Principles
 - 12.2.2 2-D Motion Tracking
 - 12.2.3 3-D Rigid Motion Tracking
 - 12.3 Examples
 - 12.4 Exercises
- 13 MOTION COMPENSATED FILTERING
 - 13.1 Spatio-Temporal Fourier Spectrum
 - 13.1.1 Global Motion with Constant Velocity
 - 13.1.2 Global Motion with Acceleration
 - 13.2 Sub-Nyquist Spatio-Temporal Sampling
 - 13.2.1 Sampling in the Temporal Direction Only
 - 13.2.2 Sampling on a Spatio-Temporal Lattice
 - 13.2.3 Critical Velocities

- 13.3 Filtering Along Motion Trajectories
 - 13.3.1 Arbitrary Motion Trajectories
 - 13.3.2 Global Motion with Constant Velocity
 - 13.3.3 Accelerated Motion
- 13.4 Applications
 - 13.4.1 Motion-Compensated Noise Filtering
 - 13.4.2 Motion-Compensated Reconstruction Filtering
- 13.5 Exercises
- 14 NOISE FILTERING
 - 14.1 Intraframe Filtering
 - 14.1.1 LMMSE Filtering
 - 14.1.2 Adaptive (Local) LMMSE Filtering
 - 14.1.3 Directional Filtering
 - 14.1.4 Median and Weighted Median Filtering
 - 14.2 Motion-Adaptive Filtering
 - 14.2.1 Direct Filtering
 - 14.2.2 Motion-Detection Based Filtering
 - 14.3 Motion-Compensated Filtering
 - 14.3.1 Spatio-Temporal Adaptive LMMSE Filtering
 - 14.3.2 Adaptive Weighted Averaging Filter
 - 14.4 Examples
 - 14.5 Exercises
- 15 RESTORATION
 - 15.1 Modeling
 - 15.1.1 Shift-Invariant Spatial Blurring
 - 15.1.2 Shift-Varying Spatial Blurring
 - 15.2 Intraframe Shift-Invariant Restoration
 - 15.2.1 Pseudo Inverse Filtering
 - 15.2.2 Constrained Least Squares and Wiener Filtering
 - 15.3 Intraframe Shift-Varying Restoration
 - 15.3.1 Overview of the POCS Method
 - 15.3.2 Restoration Using POCS
 - 15.4 Multiframe Restoration
 - 15.4.1 Cross-Correlated Multiframe Filter
 - 15.4.2 Motion-Compensated Multiframe Filter
 - 15.5 Examples
 - 15.6 Exercises
- 16 STANDARDS CONVERSION
 - 16.1 Down-Conversion
 - 16.1.1 Down-Conversion with Anti-Alias Filtering
 - 16.1.2 Down-Conversion without Anti-Alias Filtering
 - 16.2 Practical Up-Conversion Methods
 - 16.2.1 Intraframe Filtering
 - 16.2.2 Motion-Adaptive Filtering
 - 16.3 Motion-Compensated Up-Conversion
 - 16.3.1 Basic Principles
 - 16.3.2 Global-Motion-Compensated De-interlacing
 - 16.4 Examples
 - 16.5 Exercises

17 SUPERRESOLUTION

17.1 Modeling

17.1.1 Continuous-Discrete Model

17.1.2 Discrete-Discrete Model

17.1.3 Problem Interrelations

17.2 Interpolation-Restoration Methods

17.2.1 Intraframe Methods

17.2.2 Multiframe Methods

17.3 A Frequency Domain Method

17.4 A Unifying POCS Method

17.5 Examples

17.6 Exercises

V STILL IMAGE COMPRESSION

18 LOSSLESS COMPRESSION

18.1 Basics of Image Compression

18.1.1 Elements of an Image Compression System

18.1.2 Information Theoretic Concepts

18.2 Symbol Coding

18.2.1 Fixed-Length Coding

18.2.2 Huffman Coding

18.2.3 Arithmetic Coding

18.3 Lossless Compression Methods

18.3.1 Lossless Predictive Coding

18.3.2 Run-Length Coding of Bit-Planes

18.3.3 Ziv-Lempel Coding

18.4 Exercises

19 DPCM AND TRANSFORM CODING

19.1 Quantization

19.1.1 Nonuniform Quantization

19.1.2 Uniform Quantization

19.2 Differential Pulse Code Modulation

19.2.1 Optimal Prediction

19.2.2 Quantization of the Prediction Error

19.2.3 Adaptive Quantization

19.2.4 Delta Modulation

19.3 Transform Coding

19.3.1 Discrete Cosine Transform

19.3.2 Quantization/Bit Allocation

19.3.3 Coding

19.3.4 Blocking Artifacts in Transform Coding

19.4 Exercises

20 STILL IMAGE COMPRESSION STANDARDS

20.1 Bilevel Image Compression Standards

20.1.1 One-Dimensional RLC

20.1.2 Two-Dimensional RLC

20.1.3 The JBIG Standard

20.2 The JPEG Standard

20.2.1 Baseline Algorithm

20.2.2 JPEG Progressive

- 20.2.3 JPEG Lossless
- 20.2.4 JPEG Hierarchical
- 20.2.5 Implementations of JPEG
- 20.3 Exercises
- 21 VECTOR QUANTIZATION, SUBBAND CODING AND OTHER METHODS
- 21.1 Vector Quantization
- 21.1.1 Structure of a Vector Quantizer
- 21.1.2 VQ Codebook Design
- 21.1.3 Practical VQ Implementations
- 21.2 Fractal Compression
- 21.3 Subband Coding
- 21.3.1 Subband Decomposition
- 21.3.2 Coding of the Subbands
- 21.3.3 Relationship to Transform Coding
- 21.3.4 Relationship to Wavelet Transform Coding
- 21.4 Second-Generation Coding Methods
- 21.5 Exercises
- VI VIDEO COMPRESSION
- 22 INTERFRAME COMPRESSION METHODS
- 22.1 Three-Dimensional Waveform Coding
- 22.1.1 3-D Transform Coding
- 22.1.2 3-D Subband Coding
- 22.2 Motion-Compensated Waveform Coding
- 22.2.1 MC Transform Coding
- 22.2.2 MC Vector Quantization
- 22.2.3 MC Subband Coding
- 22.3 Model-Based Coding
- 22.3.1 Object-Based Coding
- 22.3.2 Knowledge-Based and Semantic Coding
- 22.4 Exercises
- 23 VIDEO COMPRESSION STANDARDS
- 23.1 The H.261 Standard
- 23.1.1 Input Image Formats
- 23.1.2 Video Multiplex
- 23.1.3 Video Compression Algorithm
- 23.2 The MPEG-I Standard
- 23.2.1 Features
- 23.2.2 Input Video Format
- 23.2.3 Data Structure and Compression Modes
- 23.2.4 Intraframe Compression Mode
- 23.2.5 Interframe Compression Modes
- 23.2.6 MPEG-I Encoder and Decoder
- 23.3 The MPEG-2 Standard
- 23.3.1 MPEG-2 Macroblocks
- 23.3.2 Coding Interlaced Video
- 23.3.3 Scalable Extensions
- 23.3.4 Other Improvements
- 23.3.5 Overview of Profiles and Levels

- 23.4 Software and Hardware Implementations
- 24 MODEL-BASED CODING
 - 24.1 General Object-Based Methods
 - 24.1.1 2-D/3-D Rigid Objects with 3-DMotion
 - 24.1.2 2-D Flexible Objects with 2-D Motion
 - 24.1.3 Affine Transformations with TRIangular Meshes
 - 24.2 Knowledge-Based and Semantic Methods
 - 24.2.1 General Principles
 - 24.2.2 MBASIC Algorithm
 - 24.2.3 Estimation Using a Flexible Wireframe Model
 - 24.3 Examples
- 25 DIGITAL VIDEO SYSTEMS
 - 25.1 Videoconferencing
 - 25.2 Interactive Video and Multimedia
 - 25.3 Digital Television
 - 25.3.1 Oigital Studio Standards
 - 25.3.2 Hybrid Advanced TV Systems
 - 25.3.3 All-Oigital TV
 - 25.4 Low-Bitrate Video and Videophone
 - 25.4.1 The ITU Recommendation H.263
 - 25.4.2 The ISO MPEG-4 Requirements
- APPENDICES
 - A MARKOV AND GIBBS RANDOM FIELDS
 - A.1 Definitions
 - A.1.1 Markov Random Fields
 - A.1.2 Gibbs Random Fields
 - A.2 Equivalence of MRF and GRF
 - A.3Local Conditional Probabilities
 - B BASICS OF SEGMENTATION
 - B.1 Thresholding
 - B.1.1 Finding the Optimum Threshold(s)
 - B.2 Clustering
 - B.3 Bayesian Methods
 - B.3.1 The MAP Method
 - B.3.2 The Adaptive MAP Method
 - B.3.3 Vector Field Segmentation
 - C KALMAN FILTEMNG
 - C.1 Linear State-Space Model
 - C.2 Extended Kalman Filtering

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