

<<计算机视觉特征提取与图像处理>>

图书基本信息

书名：<<计算机视觉特征提取与图像处理>>

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内容概要

尼克松和阿瓜多编著的《计算机视觉特征提取与图像处理》是由英国南安普顿大学的MarkNixon教授和Sportradar公司的Alberto S.Aguado在第二版的基础上，于2012年9月推出的最新改版之作。

本次改版，主要的变化是将高级特征提取，分为固定形状匹配与可变形形状分析两部分，并增加了新的一章内容：运动对象检测与描述。

具体地，在简要介绍计算机视觉的基础概念和基本的图像处理运算后，重点讨论了低级和高级的特征提取，包括边缘检测、固定形状匹配和可变形形状分析。

此外，对目标描述，纹理描述、分割及分类，以及运动对象检测等都进行深入的阐述。

它突出了计算机视觉的主要问题——特征提取，以清晰、简洁的语言，阐述了图像处理和计算机视觉的基础理论与技术。

《计算机视觉特征提取与图像处理》可作为高等学校电子工程、计算机科学、计算机工程等专业本科生的双语教材，也可以作为图像、视频信号处理，模式识别和计算机视觉研究方向的博士生、硕士研究生，以及相关专业的科研工作者的参考用书。

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<<计算机视觉特征提取与图像处理>>

书籍目录

Contents	Preface	xi	About the authors
		xvii	CHAPTER 1 Introduction
	11.1		Overview
	11.2		Human and computer
vision	21.3		The human vision system
		41.3.1	
The eye	51.3.2		The neural
system	81.3.3		Processing
		91.4	
Computer vision systems	121.4.1		
Cameras	121.4.2		Computer
interfaces	151.4.3		Processing an image
		171.5	
Mathematical systems	191.5.1		Mathematical tools
	191.5.2		Hello Matlab, hello images!
		201.5.3	Hello
Mathcad!	251.6		Associated literature
	301.6.1		Journals, magazines, and conferences
		301.6.2	
Textbooks	311.6.3		The
Web	341.7		Conclusions
	351.8		References
	35		CHAPTER 2 Images, Sampling, and Frequency Domain
Processing	372.1		Overview
	372.2		Image
formation	382.3		The Fourier
transform	422.4		The sampling
criterion	492.5		The discrete Fourier transform
	532.5.1		1D transform
		532.5.2	2D
transform	572.6		Other properties of the Fourier
transform	632.6.1		Shift invariance
		632.6.2	
Rotation	652.6.3		Frequency scaling
	662.6.4		Superposition (linearity)
		67v2.7	
Transforms other than Fourier	682.7.1		Discrete cosine
transform	682.7.2		Discrete Hartley transform
		702.7.3	
Introductory wavelets	712.7.4		Other transforms
	782.8		Applications using frequency domain properties
		782.9	
Further reading	802.10		
References	81		CHAPTER 3 Basic Image Processing
Operations	833.1		Overview
		833.2	
Histograms	843.3		Point operators
	863.3.1		Basic point operations
	863.3.2		Histogram normalization
		893.3.3	Histogram
equalization	903.3.4		Thresholding
		933.4	
Group operations	983.4.1		Template convolution
	983.4.2		Averaging operator
		1013.4.3	On different
template size	1033.4.4		Gaussian averaging operator
		1043.4.5	
More on averaging	1073.5		Other statistical operators
	1093.5.1		Median filter
		1093.5.2	Mode
filter	1123.5.3		Anisotropic diffusion

<<计算机视觉特征提取与图像处理>>

.....	1143.5.4 Force field transform	1213.5.5
Comparison of statistical operators	1223.6 Mathematical morphology.....	1233.6.1 Morphological operators.....
.....	1243.6.2 Gray-level morphology.....	1273.6.3
Gray-level erosion and dilation	1283.6.4 Minkowski operators	1303.7 Further reading.....
.....	1343.8	
References	134	CHAPTER 4 Low-Level Feature Extraction (including edge detection).....
.....	1374.1 Overview	1384.2 Edge detection.....
.....	1404.2.1 First-order edge-detection operators	161
.....	1404.2.2 Second-order edge-detection operators	170
.....	1704.2.4 Comparison of edge-detection operators	1714.2.5 Further reading on edge detection.....
.....	1734.3 Phase congruency.....	1734.4 Localized feature extraction
.....	1804.4.1 Detecting image curvature (corner extraction)	1804.4.2 Modern approaches: region/patch analysis
.....	1934.5 Describing image motion.....	1994.5.1 Area-based approach
.....	2004.5.2 Differential approach.....	2044.5.3 Further reading on optical flow.....
.....	2114.6 Further reading.....	2124.7 References
.....	212	CHAPTER 5 High-Level Feature Extraction: Fixed Shape Matching
.....	2175.1 Overview	2185.2 Thresholding and subtraction
.....	2205.3 Template matching	2225.3.1 Definition
.....	2225.3.2 Fourier transform implementation.....	2305.3.3 Discussion of template matching
.....	2345.4 Feature extraction by low-level features	2355.4.1 Appearance-based approaches.....
.....	2355.4.2 Distribution-based descriptors	2385.5 Hough transform
.....	2435.5.1 Overview.....	2435.5.2 Lines.....
.....	2435.5.3 HT for circles.....	2505.5.4 HT for ellipses
.....	2555.5.5 Parameter space decomposition	2585.5.6 Generalized HT.....
.....	2715.5.7 Other extensions to the HT	2875.6 Further reading.....
.....	2885.7 References	289
.....	2936.1 Overview	2936.2 Deformable shape analysis
.....	2946.2.1 Deformable templates.....	2946.2.2 Parts-based shape analysis.....
.....	297	Contents vii
.....	2996.3.1 Basics	2996.3.2 (snakes).....
.....	3016.3.3 Complete (Kass) snake implementation.....	3086.3.4 Other snake approaches.....
.....	3136.3.5 Further snake developments	3146.3.6 Geometric active contours (level-set-based approaches)
.....	3186.4 Shape skeletonization	3256.4.1 Distance transforms
.....	3256.4.2 Symmetry.....	3276.5 Flexible shape models—active shape and active appearance.....
.....	3346.6 Further	

<<计算机视觉特征提取与图像处理>>

reading.....	3386.7	References
.....	338	CHAPTER 7 Object
Description.....	3437.1	Overview
.....	3437.2	Boundary descriptions
.....	3457.2.1	Boundary and region
.....	3457.2.2	
Chain codes.....	3467.2.3	Fourier descriptors
.....	3497.3	Region descriptors
.....	3787.3.1	
Basic region descriptors	3787.3.2	Moments
.....	3837.4	Further
reading.....	3957.5	References
.....	395	CHAPTER 8 Introduction to Texture
Description, Segmentation, and Classification	3998.1	Overview
.....	3998.2	What is texture?
.....	4008.3	Texture description
.....	4038.3.1	Performance requirements
.....	4038.3.2	
Structural approaches	4038.3.3	Statistical approaches
.....	4068.3.4	Combination approaches
.....	4098.3.5	Local
binary patterns	4118.3.6	Other approaches
.....	4178.4	Classification.....
.....	4178.4.1	
Distance measures	4178.4.2	The k-nearest neighbor
rule.....	4248.4.3	Other classification approaches.....
.....	428	viii Contents8.5
Segmentation.....	4298.6	Further
reading.....	4318.7	References
.....	432	CHAPTER 9 Moving Object Detection and Description
.....	4359.1	Overview
.....	4359.2	Moving object detection
.....	4379.2.1	Basic approaches
.....	4379.2.2	
Modeling and adapting to the (static) background	4429.2.3	Background segmentation by thresholding
.....	4479.2.4	Problems and advances.....
.....	4509.3	Tracking moving features
.....	4519.3.1	Tracking moving objects
.....	4519.3.2	Tracking
by local search	4529.3.3	Problems in tracking.....
.....	4559.3.4	
Approaches to tracking.....	4559.3.5	Meanshift and Camshift
.....	4579.3.6	Recent approaches
.....	4729.4	Moving feature
extraction and description	4749.4.1	Moving (biological) shape analysis.....
.....	4749.4.2	
Detecting moving shapes by shape matching in image sequences	4769.4.3	Moving
shape description.....	4809.5	Further
reading.....	4839.6	References
.....	484	CHAPTER 10 Appendix 1: Camera Geometry
Fundamentals.....	48910.1	Image geometry
.....	48910.2	Perspective
camera	49010.3	Perspective camera model
.....	49110.3.1	Homogeneous coordinates and
projective geometry.....	49110.3.2	Perspective camera model analysis
.....	49610.3.3	Parameters of the perspective camera model.....
.....	49910.4	Affine camera
.....	50010.4.1	Affine camera model
.....	50110.4.2	Affine camera model and the perspective projection
.....	50310.4.3	Parameters of the affine camera model.....
.....	50410.5	
Weak perspective model.....	50510.6	Example of camera models
.....	50710.7	Discussion
.....	51710.8	

<<计算机视觉特征提取与图像处理>>

References.....	518	Contents ix
Squares Analysis	519	CHAPTER 11 Appendix 2: Least Squares Analysis
1.1 The least squares criterion	519	1.2 Curve fitting by least squares
1.2 Curve fitting by least squares	521	CHAPTER 12 Appendix 3: Principal Components Analysis
1.2.1 Principal components analysis	525	1.2.2 Data
1.2.2 Data	526	1.2.3 Covariance
1.2.3 Covariance	526	1.2.4 Covariance matrix.....
1.2.4 Covariance matrix.....	529	1.2.5 Data transformation
1.2.5 Data transformation	530	1.2.6 Inverse transformation
1.2.6 Inverse transformation	531	1.2.7 Eigenproblem.....
1.2.7 Eigenproblem.....	532	1.2.8 Solving the eigenproblem.....
1.2.8 Solving the eigenproblem.....	533	1.2.9 PCA method summary
1.2.9 PCA method summary	533	1.2.10 Example
1.2.10 Example	534	References.....
References.....	540	CHAPTER 13 Appendix 4: Color Images.....
CHAPTER 13 Appendix 4: Color Images.....	541	1.3.1 Color images.....
1.3.1 Color images.....	542	1.3.2 Tristimulus theory.....
1.3.2 Tristimulus theory.....	542	1.3.3 Color models.....
1.3.3 Color models.....	544	1.3.3.1 The colorimetric equation
1.3.3.1 The colorimetric equation	545	1.3.3.2 Luminosity function
1.3.3.2 Luminosity function	547	1.3.3.3 Perception based color models: the CIE RGB and CIE XYZ.....
1.3.3.3 Perception based color models: the CIE RGB and CIE XYZ.....	562	1.3.3.4 Uniform color spaces: CIE LUV and CIE LAB.....
1.3.3.4 Uniform color spaces: CIE LUV and CIE LAB.....	568	1.3.3.5 Additive and subtractive color models: RGB and CMY
1.3.3.5 Additive and subtractive color models: RGB and CMY	575	1.3.3.6 Luminance and chrominance color models: YUV, YIQ, and YCbCr.....
1.3.3.6 Luminance and chrominance color models: YUV, YIQ, and YCbCr.....	575	1.3.3.7 Perceptual color models: HSV and HLS
1.3.3.7 Perceptual color models: HSV and HLS	583	1.3.3.8 More color models.....
1.3.3.8 More color models.....	599	References.....
References.....	600	Index
Index	601	x Contents
x Contents	601	

<<计算机视觉特征提取与图像处理>>

编辑推荐

尼克松和阿瓜多编著的《计算机视觉特征提取与图像处理》是由英国南安普顿大学的Mark Nixon教授和Sportradar公司的Alberto S.Aguado在第二版的基础上，于2012年9月推出的最新改版之作（第3版）。本次改版，主要的变化是将高级特征提取，分为固定形状匹配与可变形形状分析两部分，并增加了新的一章内容：运动对象检测与描述。

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