Preface

This volume in the Springer Lecture Notes in Computer Science (LNCS) series contains 103 papers presented at S+SSPR 2006, which was the fifth time that the SPR and SSPR workshops organized by Technical Committees TC1 and TC2 of the International Association for Pattern Recognition (IAPR) were held together as joint workshops. It was also the first time that the joint workshops were held in the Far East, at the beautiful campus of the Hong Kong University of Science and Technology (HKUST), on August 17–19, 2006, right before the 18th International Conference on Pattern Recognition (ICPR 2006), also held in Hong Kong.

SPR 2006 and SSPR 2006 together received 217 paper submissions from 33 countries. This volume contains 99 accepted papers, with 38 for oral presentation and 61 for poster presentation. In addition to parallel oral sessions for SPR and SSPR, there were also some joint oral sessions with papers of interest to both the SPR and SSPR communities. A recent trend that has emerged in the pattern recognition and machine learning research communities is the study of graph-based methods that integrate statistical and structural approaches. For this reason, a special joint session on graph-based methods was co-organized by Technical Committee TC15 to explore new research issues in this topic. Moreover, invited talks were presented by four prominent speakers: Robert P.W. Duin from Delft University of Technology, The Netherlands, winner of the 2006 Pierre Devijver Award; Tin Kam Ho from Bell Laboratories of Lucent Technologies, USA; Thorsten Joachims from Cornell University, USA; and B. John Oommen from Carleton University, Canada.

We would like to take this opportunity to thank all members of the SPR and SSPR Program Committees and the additional reviewers for their professional support in reviewing the submitted papers. We thank all the Advisory Committee members, Shun-ichi Amari, Terry Caelli, Robert P.W. Duin, Anil K. Jain, Erkki Oja, Harry Shum, and Tieniu Tan, for their invaluable advice on organizing this event. We also thank all the authors, the invited speakers, the Organizing Committee members, the sponsors, and the editorial staff of Springer for helping to make this event a success and helping to produce this high-quality publication in the LNCS series.

August 2006

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# Table of Contents

## Invited Talks

Structured Output Prediction with Support Vector Machines  
*Thorsten Joachims* .................................................. 1

On the Theory and Applications of Sequence Based Estimation of Independent Binomial Random Variables  
*B. John Oommen, Sang-Woon Kim, Geir Horn* ......................... 8

Symmetries from Uniform Space Covering in Stochastic Discrimination  
*Tin Kam Ho* ................................................................ 22

Structural Inference of Sensor-Based Measurements  
*Robert P.W. Duin, Elżbieta Pękalska* ................................... 41

## SSPR

### Image Analysis

A Multiphase Level Set Evolution Scheme for Aerial Image Segmentation Using Multi-scale Image Geometric Analysis  
*Wang Wei, Yang Xin, Cao Guo* ........................................ 56

Experiments on Robust Image Registration Using a Markov-Gibbs Appearance Model  
*Ayman El-Baz, Aly Farag, Georgy Gimel’farb* .......................... 65

Fully Automatic Segmentation of Coronary Vessel Structures in Poor Quality X-Ray Angiogram Images  
*Cemal Köse* ................................................................. 74

Smoothing Tensor-Valued Images Using Anisotropic Geodesic Diffusion  
*Fan Zhang, Edwin R. Hancock* .......................................... 83

## Vision

Diffusion of Geometric Affinity for Surface Integration  
*Roberto Fraile, Edwin Hancock* .......................................... 92
Comparative Study of People Detection in Surveillance Scenes
A. Negre, H. Tran, N. Gourier, D. Hall, A. Lux, J.L. Crowley .................................................. 100

A Class of Generalized Median Contour Problem with Exact Solution
Pakaket Wattuya, Xiaoyi Jiang .................................................. 109

Character Recognition

Structural and Syntactic Techniques for Recognition of Ethiopic Characters
Yaregal Assabie, Josef Bigun ................................................. 118

Context Driven Chinese String Segmentation and Recognition
Yan Jiang, Xiaoqing Ding, Qiang Fu, Zheng Ren ....................... 127

Support Vector Machines for Mathematical Symbol Recognition
Christopher Malon, Seiichi Uchida, Masakazu Suzuki ................. 136

Bayesian Networks

Bayesian Class-Matched Multinet Classifier
Yaniv Gurwicz, Boaz Lerner ............................................... 145

Bayesian Network Structure Learning by Recursive Autonomy Identification
Raanan Yehezkel, Boaz Lerner ............................................... 154

Graph-Based Methods

Fast Suboptimal Algorithms for the Computation of Graph Edit Distance
Michel Neuhaus, Kaspar Riesen, Horst Bunke ......................... 163

A Spectral Generative Model for Graph Structure
Bai Xiao, Edwin R. Hancock .............................................. 173

Considerations Regarding the Minimum Spanning Tree Pyramid Segmentation Method
Adrian Ion, Walter G. Kropatsch, Yll Haxhimusa .................... 182
Similarity and Feature Extraction

A Random Walk Kernel Derived from Graph Edit Distance
  Michel Neuhaus, Horst Bunke ........................................ 191

Edit Distance for Ordered Vector Sets: A Case of Study
  Juan Ramón Rico-Juan, José M. Iñesta ............................ 200

Shape Retrieval Using Normalized Fourier Descriptors Based Signatures and Cyclic Dynamic Time Warping
  Andrés Marzal, Vicente Palazón, Guillermo Peris ................. 208

Poster Papers

Image and Video

Watermarking for 3D CAD Drawings Based on Three Components
  Ki-Ryong Kwon, Suk-Hwan Lee, Eung-Joo Lee,
  Seong-Geun Kwon .................................................. 217

Hierarchical Video Summarization Based on Video Structure and Highlight
  Yuliang Geng, De Xu, Songhe Feng ................................ 226

Direct Curvature Scale Space in Corner Detection
  Baojiang Zhong, Wenhe Liao ...................................... 235

Vision

Aligning Concave and Convex Shapes
  Silke Jänichen, Petra Perner ....................................... 243

Research on Iterative Closest Contour Point for Underwater Terrain-Aided Navigation
  Kedong Wang, Lei Yan, Wei Deng, Junhong Zhang ............... 252

Image-Based Absolute Positioning System for Mobile Robot Navigation
  JaeMu Yun, EunTae Lyu, JangMyung Lee .......................... 261

An Evaluation of Three Popular Computer Vision Approaches for 3-D Face Synthesis
  Alexander Woodward, Da An, Yizhe Lin, Patrice Delmas,
  Georgy Gimel’farb, John Morris .................................. 270
Optical Flow Computation with Fourth Order Partial Differential Equations
   Xiaoxin Guo, Zhiwen Xu, Yueping Feng, Yunxiao Wang, Zhengxuan Wang .............................................. 279

Kernel-Based Methods

Transforming Strings to Vector Spaces Using Prototype Selection
   Barbara Spillmann, Michel Neuhaus, Horst Bunke, Elżbieta Pękalska, Robert P.W. Duin ........................................ 287

Shape Categorization Using String Kernels
   Mohammad Reza Daliri, Elisabetta Delponte, Alessandro Verri, Vincent Torre ................................................ 297

Trace Formula Analysis of Graphs
   Bai Xiao, Edwin R. Hancock ........................................ 306

A Robust Realtime Surveillance System
   Byung-Joo Kim, Chang-Bum Lee, Il-Kon Kim .......................... 314

Recognition and Classification

Ubiquitous Intelligent Sensing System for a Smart Home
   Jonghwa Choi, Dongkyoo Shin, Dongil Shin .......................... 322

Object Recognition Using Multiresolution Trees
   Monica Bianchini, Marco Maggini, Lorenzo Sarti ................... 331

A Robust and Hierarchical Approach for Camera Motion Classification
   Yuliang Geng, De Xu, Songhe Feng, Jiazheng Yuan .................. 340

Time Series Analysis of Grey Forecasting Based on Wavelet Transform and Its Prediction Applications
   Haiyan Cen, Yidan Bao, Min Huang, Yong He ........................... 349

A Study of Touchless Fingerprint Recognition System
   Chulhan Lee, Sanghoon Lee, Jaihie Kim ............................... 358

Development of a Block-Based Real-Time People Counting System
   Hyun Hee Park, Hyung Gu Lee, Seung-In Noh, Jaihie Kim ............. 366
<table>
<thead>
<tr>
<th>Title</th>
<th>Authors</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>A Classification Approach for the Heart Sound Signals Using Hidden</td>
<td>Yong-Joo Chung</td>
<td>375</td>
</tr>
<tr>
<td>Markov Models</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Structure Analysis Based Parking Slot Marking Recognition for</td>
<td>Ho Gi Jung, Dong Suk Kim, Pal Joo Yoon, Jaihie Kim</td>
<td>384</td>
</tr>
<tr>
<td>Semi-automatic Parking System</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Similarity and Feature Extraction</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A Fast and Exact Modulo-Distance Between Histograms</td>
<td>Francesc Serratosa, Alberto Sanfeliu</td>
<td>394</td>
</tr>
<tr>
<td>Using Learned Conditional Distributions as Edit Distance</td>
<td>Jose Oncina, Marc Sebban</td>
<td>403</td>
</tr>
<tr>
<td>An Efficient Distance Between Multi-dimensional Histograms for</td>
<td>Francesc Serratosa, Gerard Sanromà</td>
<td>412</td>
</tr>
<tr>
<td>Comparing Images</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Document Analysis</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Finding Captions in PDF-Documents for Semantic Annotations of Images</td>
<td>Gerd Maderlechner, Jiri Panyr, Peter Suda</td>
<td>422</td>
</tr>
<tr>
<td>Effective Handwritten Hangul Recognition Method Based on the</td>
<td>Wontaek Seo, Beom-joon Cho</td>
<td>431</td>
</tr>
<tr>
<td>Hierarchical Stroke Model Matching</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Graph-Based Methods</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Graph Embedding Using Commute Time</td>
<td>Huaijun Qiu, Edwin R. Hancock</td>
<td>441</td>
</tr>
<tr>
<td>Graph Based Multi-class Semi-supervised Learning Using Gaussian</td>
<td>Yangqiu Song, Changshui Zhang, Jianguo Lee</td>
<td>450</td>
</tr>
<tr>
<td>Process</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Point Pattern Matching Via Spectral Geometry</td>
<td>Antonio Robles-Kelly, Edwin R. Hancock</td>
<td>459</td>
</tr>
<tr>
<td>Graph-Based Fast Image Segmentation</td>
<td>Dongfeng Han, Wenhui Li, Xiaosuo Lu, Lin Li, Yi Wang</td>
<td>468</td>
</tr>
</tbody>
</table>
Modeling of Remote Sensing Image Content Using Attributed Relational Graphs
Selim Aksoy ....................................................... 475

A Graph-Based Method for Detecting and Classifying Clusters in Mammographic Images
P. Foggia, M. Guerriero, G. Percannella, C. Sansone, F. Tufano, M. Vento ........................................ 484

SPR

Recognition and Classification I

A Speedup Method for SVM Decision
Yongsheng Zhu, Junyan Yang, Jian Ye, Youyun Zhang ................. 494

Generalization Error of Multinomial Classifier
Sarunas Raudys .................................................... 502

Combining Accuracy and Prior Sensitivity for Classifier Design Under Prior Uncertainty
Thomas Landgrebe, Robert P.W. Duin ................................ 512

Using Co-training and Self-training in Semi-supervised Multiple Classifier Systems
Luca Didaci, Fabio Roli .......................................... 522

Image Analysis

MRF Based Spatial Complexity for Hyperspectral Imagery Unmixing
Sen Jia, Yuntao Qian ................................................... 531

Effectiveness of Spectral Band Selection/Extraction Techniques for Spectral Data
Marina Skurichina, Sergey Verzakov, Pavel Paclík, Robert P.W. Duin ........................................ 541

Edge Detection in Hyperspectral Imaging: Multivariate Statistical Approaches
Sergey Verzakov, Pavel Paclík, Robert P.W. Duin .................. 551
# Facial Image Analysis I

Semi-supervised PCA-Based Face Recognition Using Self-training  
*Fabio Roli, Gian Luca Marcialis* .................................................. 560

Facial Shadow Removal  
*William A.P. Smith, Edwin R. Hancock* ........................................ 569

A Sequential Monte Carlo Method for Bayesian Face Recognition  
*Atsushi Matsui, Simon Clippingdale, Takashi Matsumoto* ................. 578

# Recognition and Classification II

Outlier Detection Using Ball Descriptions with Adjustable Metric  
*David M.J. Tax, Piotr Juszczak, Elżbieta Pękalska,*  
*Robert P.W. Duin* ................................................................. 587

HMM-Based Gait Recognition with Human Profiles  
*Heung-Il Suk, Bong-Kee Sin* ...................................................... 596

# Representation

Maxwell Normal Distribution in a Manifold and Mahalanobis Metric  
*Yukihiko Yamashita, Mariko Numakami, Naoya Inoue* .................. 604

Augmented Embedding of Dissimilarity Data into (Pseudo-)Euclidean Spaces  
*Artiom Harol, Elżbieta Pękalska, Sergey Verzakov,*  
*Robert P.W. Duin* ................................................................. 613

# Feature Selection

Feature Over-Selection  
*Sarunas Raudys* ................................................................. 622

Flexible-Hybrid Sequential Floating Search in Statistical Feature Selection  
*Petr Somol, Jana Novovičová, Pavel Pudil* ............................... 632

# Clustering

EM Cluster Analysis for Categorical Data  
*Jiří Grim* ................................................................. 640
Two Entropy-Based Methods for Learning Unsupervised Gaussian Mixture Models
  Antonio Peñalver, Francisco Escolano, Juan M. Sáez .................... 649

Facial Image Analysis II

Maximum Likelihood Estimates for Object Detection Using Multiple Detectors
  Magnus Oskarsson, Kalle Áström ................................ 658

Confidence Based Gating of Multiple Face Authentication Experts
  Mohammad T. Sadeghi, Josef Kittler ............................... 667

Poster Papers

Multiple Classifier Systems

Diversity Analysis for Ensembles of Word Sequence Recognisers
  Roman Bertolami, Horst Bunke ..................................... 677

Adaptive Classifier Selection Based on Two Level Hypothesis Tests for Incremental Learning
  Haixia Chen, Senmiao Yuan, Kai Jiang ............................. 687

Combining SVM and Graph Matching in a Bayesian Multiple Classifier System for Image Content Recognition
  Bertrand Le Saux, Horst Bunke .................................... 696

Comparison of Classifier Fusion Methods for Classification in Pattern Recognition Tasks
  Francisco Moreno-Seco, José M. Iñesta, Pedro J. Ponce de León,
  Luisa Micó ................................................................. 705

AUC-Based Linear Combination of Dichotomizers
  Claudio Marrocco, Mario Molinara, Francesco Tortorella ........... 714

Recognition and Classification

Confidence Score Based Unsupervised Incremental Adaptation for OOV Words Detection
  Wei Chu, Xi Xiao, Jia Liu ............................................ 723

Polynomial Network Classifier with Discriminative Feature Extraction
  Cheng-Lin Liu ......................................................... 732
Semi-supervised Classification with Active Query Selection  
Jiao Wang, Siwei Luo .................................................. 741

On the Use of Different Classification Rules in an Editing Task  
Luisa Micó, Francisco Moreno-Seco, José Salvador Sánchez,  
José Martínez Sotoca, Ramón Alberto Mollineda .................... 747

Mono-font Cursive Arabic Text Recognition Using Speech Recognition System  
M.S. Khorsheed .......................................................... 755

From Indefinite to Positive Semi-Definite Matrices  
Alberto Muñoz, Isaac Martín de Diego ............................... 764

A Multi-stage Approach for Anchor Shot Detection  
L. D’Anna, G. Marrazzo, G. Percannella, C. Sansone, M. Vento ...... 773

Unsupervised Learning

An Improved Possibilistic C-Means Algorithm Based on Kernel Methods  
Xiao-Hong Wu, Jian-Jiang Zhou ................................. 783

Identifiability and Estimation of Probabilities from Multiple Databases with Incomplete Data and Sampling Selection  
Jinzhu Jia, Zhi Geng, Mingfeng Wang ............................. 792

Unsupervised Image Segmentation Using a Hierarchical Clustering Selection Process  
Adolfo Martínez-Usó, Filiberto Pla, Pedro García-Sevilla .......... 799

Application of a Two-Level Self Organizing Map for Korean Online Game Market Segmentation  
Sang-Chul Lee, Jae-Young Moon, Jae-Kyeong Kim, Yung-Ho Suh ... 808

Clustering Based on Compressed Data for Categorical and Mixed Attributes  
Erendira Rendón, José Salvador Sánchez ............................ 817

Dimensionality

On Optimizing Kernel-Based Fisher Discriminant Analysis Using Prototype Reduction Schemes  
Sang-Woon Kim, B. John Oommen ................................. 826
Sparse Covariance Estimates for High Dimensional Classification Using the Cholesky Decomposition
   Asbjørn Berge, Anne Schistad Solberg ................................. 835

Generic Blind Source Separation Using Second-Order Local Statistics
   Marco Loog ........................................................... 844

Hyperspectral Data Selection from Mutual Information Between Image Bands
   José Martínez Sotoca, Filiberto Pla ................................. 853

Representation

Model Selection Using a Class of Kernels with an Invariant Metric
   Akira Tanaka, Masashi Sugiyama, Hideyuki Imai,
   Mineichi Kudo, Masaaki Miyakoshi .................................. 862

Non-Euclidean or Non-metric Measures Can Be Informative
   Elżbieta Pękalska, Artsiom Harol, Robert P.W. Duin,
   Barbara Spillmann, Horst Bunke .................................. 871

Biometrics

Merging and Arbitration Strategy Applied Bayesian Classification for Eye Location
   Eun Jin Koh, Phill Kyu Rhee ......................................... 881

Recognizing Face or Object from a Single Image: Linear vs. Kernel Methods on 2D Patterns
   Daoqiang Zhang, Songcan Chen, Zhi-Hua Zhou .................... 889

A Coupled Statistical Model for Face Shape Recovery
   Mario Castelán, William A.P. Smith, Edwin R. Hancock ........... 898

Analysis and Selection of Features for the Fingerprint Vitality Detection
   Pietro Coli, Gian Luca Marcialis, Fabio Roli ....................... 907

Recognizing Facial Expressions with PCA and ICA onto Dimension of the Emotion
   Young-suk Shin ..................................................... 916
Applications

An Audio Copyright Protection Schemes Based on SMM in Cepstrum Domain

Shenghong Li, Lili Cui, Jonguk Choi,
Xuenan Cui ................................................... 923

Combining Features to Improve Oil Spill Classification in SAR Images

Darby F. de A. Lopes, Geraldo L.B. Ramalho,
Fátima N.S. de Medeiros, Rodrigo C.S. Costa, Regia T.S. Araújo .... 928

Author Index ....................................................... 937