

# Contents

## Face Recognition

Probabilistic Elastic Part Model for Real-World Face Recognition . . . . .	3
<i>Gang Hua</i>	
Local Feature Evaluation for a Constrained Local Model Framework . . . . .	11
<i>Maiya Hori, Shogo Kawai, Hiroki Yoshimura, and Yoshio Iwai</i>	
Multimodal Face Recognition for Profile Views Based on SIFT and LBP . . .	20
<i>Xiaona Xu and Yue Zhao</i>	

## Face Alignment and Facial Expression Recognition

Learning the Face Shape Models for Facial Landmark Detection in the Wild . . . . .	33
<i>Yue Wu and Qiang Ji</i>	
Multimodal Facial Expression Recognition Based on 3D Face Reconstruction from 2D Images . . . . .	46
<i>Ali Moeini and Hossein Moeini</i>	
Facial Expression Recognition Using Facial Graph . . . . .	58
<i>Sina Mohseni, Niloofar Zarei, and Ehsan Miandji</i>	

## Other Applications of Facial Images

Measurement of Facial Dynamics for Soft Biometrics . . . . .	69
<i>Hamdi Dibeklioglu, Albert Ali Salah, and Furkan Gürkınar</i>	
Personalized Face Reference from Video: Key-Face Selection and Feature-Level Fusion . . . . .	85
<i>Naser Damer, Timotheos Samartzidis, and Alexander Nouak</i>	
Scalable Face Retrieval by Simple Classifiers and Voting Scheme . . . . .	99
<i>Yuzuko Utsumi, Yuji Sakano, Keisuke Maekawa, Masakazu Iwamura, and Koichi Kise</i>	
Positive/Negative Emotion Detection from RGB-D Upper Body Images . . .	109
<i>Lahoucine Ballihi, Adel Lablack, Boulbaba Ben Amor, Ioan Marius Bilasco, and Mohamed Daoudi</i>	

Friendly Faces: Weakly Supervised Character Identification . . . . .	121
<i>Matthew Marter, Simon Hadfield, and Richard Bowden</i>	
A Comparative Evaluation of Regression Learning Algorithms for Facial Age Estimation . . . . .	133
<i>Carles Fernández, Ivan Huerta, and Andrea Prati</i>	
<b>Author Index</b> . . . . .	145

Face and Facial Expression Recognition from Real World  
Videos

International Workshop, Stockholm, Sweden, August  
24, 2014, Revised Selected Papers

Ji, Q.; B. Moeslund, Th.; Hua, G.; Nasrollahi, K. (Eds.)

2015, X, 145 p. 55 illus., Softcover

ISBN: 978-3-319-13736-0