

IEEE TRANSACTIONS ON PATTERN ANALYSIS AND MACHINE INTELLIGENCE

A publication of the IEEE Computer Society

FEBRUARY 2014

VOLUME 36

NUMBER 2

ITPIDJ

(ISSN 0162-8828)

REGULAR PAPERS

<i>A Physically-Based Approach to Reflection Separation: From Physical Modeling to Constrained Optimization</i>	209
N. Kong, Y.W. Tai, and J.S. Shin	
<i>Category-Independent Object Proposals with Diverse Ranking</i>	222
I. Endres and D. Hoiem	
<i>Covariate Shift Adaptation for Discriminative 3D Pose Estimation</i>	235
M. Yamada, L. Sigal, and M. Raptis.....	
<i>Efficient Space-Time Sampling with Pixel-Wise Coded Exposure for High-Speed Imaging</i>	248
D. Liu, J. Gu, Y. Hitomi, M. Gupta, T. Mitsunaga, and S.K. Nayar.....	
<i>Half-Quadratic-Based Iterative Minimization for Robust Sparse Representation</i>	261
R. He, W.-S. Zheng, T. Tan, and Z. Sun.....	
<i>Hashing Hyperplane Queries to Near Points with Applications to Large-Scale Active Learning</i>	276
S. Vijayanarasimhan, P. Jain, and K. Grauman	
<i>Learning Discriminant Face Descriptor</i>	289
Z. Lei, M. Pietikäinen, and S.Z. Li	
<i>Learning Multimodal Latent Attributes</i>	303
Y. Fu, T.M. Hospedales, T. Xiang, and S. Gong.....	
<i>Matching by Tone Mapping: Photometric Invariant Template Matching</i>	317
Y. Hel-Or, H. Hel-Or, and E. David.....	
<i>Neighborhood Repulsed Metric Learning for Kinship Verification</i>	331
J. Lu, X. Zhou, Y.-P. Tan, Y. Shang, and J. Zhou	
<i>On Bayesian Adaptive Video Super Resolution</i>	346
C. Liu and D. Sun	
<i>Scene-Specific Pedestrian Detection for Static Video Surveillance</i>	361
X. Wang, M. Wang, and W. Li	
<i>Toward Integrated Scene Text Reading</i>	375
J.J. Weinman, Z. Butler, D. Knoll, and J. Field.....	
<i>Trinary-Projection Trees for Approximate Nearest Neighbor Search</i>	388
J. Wang, N. Wang, Y. Jia, J. Li, G. Zeng, H. Zha, and X.-S. Hua.....	
<i>Video Event Detection: From Subvolume Localization to Spatiotemporal Path Search</i>	404
D. Tran, J. Yuan, and D. Forsyth.....	

Published in cooperation with: **Aerospace & Electronic Systems Society, Control Systems Society, Engineering in Medicine & Biology Society, Information Theory Society, Systems, Man & Cybernetics Society, Ultrasonics, Ferroelectrics, & Frequency Control Society**

Indexed in MEDLINE®/PubMed®
and indexed in ISI



www.computer.org
tpami@computer.org

