Preface

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In this issue, we have one survey paper and thirteen regular papers:

The first paper is titled “Micro-expression recognition: an updated review of current trends, challenges and solutions” by Goh Kam Meng, Ng Chee How and Lim Li Li from Tunku Abdul Rahman University College, Malaysia, and U. U. Sheikh from Universiti Teknologi Malaysia, Malaysia.

The second paper is “Joint learning of visual and spatial features for edit propagation from a single image” by Yan Gui and Guang Zeng from Changsha University of Science and Technology, China.

The third paper is “Facial expression recognition algorithm based on parameter adaptive initialization of CNN and LSTM” by Feng-Ping An and Zhi-Wen Liu from Beijing Institute of Technology, China.

The fourth paper is “Deep convolutional BiLSTM fusion network for facial expression recognition” by Dandan Liang, Huagang Liang and Zhenbo Yu from Chang’an University, China, and Yipu Zhang from Nanjing University of Information Science and Technology, China.

The fifth paper is “Part-based visual tracking with spatially regularized correlation filters” by Dejun Zhang and Yiqi Wu from China University of Geosciences, China, Zhao Zhang, Lu Zou and Zhuyang Xie from Sichuan Agricultural University, China, Fazhi He from Wuhan University, China, and Zhigang Tu from Nanyang Technological University, Singapore.

The sixth paper is “Facial emotion detection using modified eyemap–mouthmap algorithm on an enhanced image and classification with tensorflow” by Allen Joseph and P Geetha from Anna University, India.

The seventh paper is “Data compression for measured heterogeneous subsurface scattering via scattering profile blending” by Tatsuya Yatagawa and Shigeo Morishima from Waseda University, Japan, Hideki Todo from Chuo Gakuin

University, Japan, and Yasushi Yamaguchi from The University of Tokyo, Japan.

The eighth paper is “Classification of basic artistic media based on a deep convolutional approach” by Heekyung Yang and Kyungha Min from Sangmyung University, Republic of Korea.

The ninth paper is “Dynamic texture recognition using local tetra pattern—three orthogonal planes (LTrP-TOP)” by Amit, Balasubramanian Raman and Debanjan Sadhya from Indian Institute of Technology Roorkee, India.

The tenth paper is “Candidate-based matching of 3-D point clouds with axially switching pose estimation” by Wen-Chung Chang and Chia-Hung Wu from National Taipei University of Technology, Taiwan, R.O.C.

The eleventh paper is “Crowd anomaly detection and localization using histogram of magnitude and momentum” by Suprit D. Bansod and Abhijeet V. Nandedkar from SGGSI&T, Vishnupuri, Nanded, India.

The twelfth paper is “Skeleton-based action recognition by part-aware graph convolutional networks” by Yang Qin, Lingfei Mo and Jiayi Luo from Southeast University, China, and Chenyang Li from Shanghai Polytechnic University, China.

The thirteenth paper is “Face detection and tracking using hybrid margin-based ROI techniques” by Bacha Rehman, Ong Wee Hong, Abby Tan Chee Hong from Universiti Brunei Darussalam, Brunei Darussalam, and Trung Dung Ngo from University of Prince Edward Island, Canada.

The fourteenth paper is “NLME: a nonlinear motion estimation-based compression method for animated mesh sequence” by Mohammadali Hajizadeh and Hossein Ebrahimnezhad from Sahand University of Technology, Iran.

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