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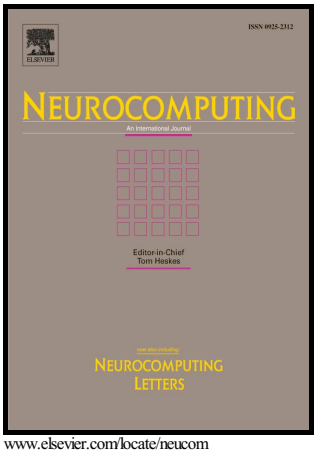

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Editorial: Special Issue on Advanced Intelligent Computing: Theory and Applications

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Editorial Special Issue on Advanced Intelligent Computing: Theory and Applications[☆]

Guest Editors: Lin Zhu, Suping Deng, and De-Shuang Huang

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The articles appearing in this special issue on Advanced Intelligent Computing: Theory and Applications are extended versions of the papers presented at the 2015 Eleventh International Conference on Intelligent Computing (ICIC2015) held on August 20-23, 2015 in Fuzhou, Fujian Province, China. All the papers included here have been thoroughly reviewed and revised with the support of many reviewers under the Elsevier Editorial System (EES). Thirty papers representing less than five percent of all eligible papers accepted at the ICIC2015 are selected for inclusion in this special issue. The selected papers are organized into the following sections.

Computer Vision

This issue starts with using synthetic examples and reverse training to classify image sets by Zhang Lin et al. Wang Bing et al. then proposed to combine uniform LBP histogram distribution and statistics of connected regions to annotate images. Zidong Wang et al. describe a novel local feature descriptor based on energy information for human activity recognition. Ce Li proposes to detect image splicing based on Markov features in QDCT domain. Li Shang et al. focus on preforming image super-resolution reconstruction based on modified sparse

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