Special Issue

Advances in Image Processing, Artificial Intelligence and Intelligent Robotics

Message from the Guest Editors

The aim of this Special Issue is to give researchers the opportunity to provide new tendencies as well as the latest achievements and research directions, and to present their current work on the important problems in image processing, deep learning, soft computing, sensor fusion, robotic vision and applied industrial solutions in robotics. In this Special Issue, original research articles, short communications, technical reports, perspectives, extended conference papers and reviews are welcome. Research areas may include (but are not limited to) the following:

- Two- and three-dimensional image processing;
- Image segmentation and texture analysis;
- Image filtering, restoration and enhancement;
- Biomedical image processing;
- Pattern recognition and shape detection;
- Deep learning;
- Soft computing and fuzzy techniques;
- Sensor fusion;
- Measurements;
- Robot vision;
- Intelligent and applied robotics;
- Hardware and architectures for image processing and robotics;
- Robust identification.

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Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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