

Special Issue

Pattern Recognition Using Neural Networks

Message from the Guest Editor

It is known that pattern recognition is a process of finding regularities and similarities in data (images, texts, videos, numbers, etc.) perceived from the real world with sensors. These similarities can be found based on statistical analysis, historical data, or the already gained knowledge by the machine itself. The Special Issue is proposed as a cross-disciplinary and sector issue, with the aim of contributing to an increase in the level of knowledge in the context of pattern recognition using neural networks. In particular, researchers are solicited to present investigations of new neural models and novelties introduced by recent approaches to the following topics: - Image processing, segmentation, and analysis; - Computer vision; - Seismic analysis; - Radar signal classification; - Speech recognition; - Fingerprint identification; - Medical diagnosis; - Stock market analysis.

Guest Editor

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Deadline for manuscript submissions

closed (30 April 2023)



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Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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