Special Issue

Biometric Systems

Message from the Guest Editors

Biometric recognition continues to be one of the most widely studied pattern recognition problems. The field is being driven in large part by the rise in hacking and the increasing need of advancing technological systems, such as the Internet and cellular phones, to secure personal identification. Biometric recognition is defined by several critical issues involved in the problem, such as quality checking of sensor inputs, biodata security, aliveness detection, and multimodal authentication. Regardless of the biometric chosen, all recognition systems must also isolate and extract a set of features in the biometric image or pattern that offers the greatest amount of information. This Special Issue aims to highlight advances in machine learning as it relates to biometric recognition. Research papers on any of the critical issues involved, feature extraction and selection, and implementation problems and solutions are solicited.

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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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