Special Issue

Signal and Image Processing in Biometric Detection

Message from the Guest Editor

Biometrics is a type of technology that is used for authentication and identification purposes and that analyzes an individual's raw data obtained through a sensor to determine whether it is the same individual as the person previously stored in the system or not. In a broad sense, biometrics can be used for more than authentication and identification, and can also be a means to quantitatively measure and analyzed health or one's emotional state. With the recent development of sensor technology, the quality of raw data for biometric recognition has dramatically improved, and recognition accuracy has also been significantly improved through deep learning-based sensor data analysis. In this Special Issue, all issues related to signals or images that are acquired through sensors will be dealt with in relation to their use for biometric-based authentication/recognition purposes. Topics such as anti-spoofing and new databases, new neural network models or matching methods and biometric methods that are robust to the limited information and occlusion issues of the COVID-19 pandemic are also welcome.

Guest Editor

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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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