Special Issue

Emotion Recognition and Cognitive Behavior Analysis Based on Sensors

Message from the Guest Editors

Emotion recognition is the process of identifying human emotion. People vary widely in their accuracy at recognizing the emotions of others. The use of technology to help people with emotion recognition is a relatively nascent research area. Past studies have found that emotion recognition training using cognitive behavioral analysis improved emotion recognition among individuals with mental disorders. Additionally, an intelligent method for human–computer interaction is also needed to bridge the gap of communication. This requires natural language processing, speech/vision processing, machine learning, as well as core reasoning technologies. All of these problems deal with a stream of data not only from individual sensors, such as image sensors, biomedical signal sensors, and wearable devices, but also from the fusion of various sensors.

Guest Editors

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