Special Issue

Object Tracking and Motion Analysis

Message from the Guest Editor

Visual object tracking has been one of the most important topics in the field of computer vision and image processing. Deep-learning-based object-tracking algorithms especially have provided a robust performance compared to traditional object-tracking approaches. However, a large number of tracking algorithms still have problems to follow a moving object in a given image sequence, while simultaneously keeping track of target identities through the significant pose changes, illumination variations, and occlusions by focusing on finding appearance and motion models. Motion analysis and pose estimation are needed to understand the intention of the target objects. The main objective of this Special Issue is to analyze and measure the quantitative and qualitative performance of the visual object tracking and its 2D and 3D motion analysis using various sensors including cameras. Original papers describing completed and unpublished work that are not currently under review by any other journal, magazine or conference, are solicited.

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Message from the Editor-in-Chief

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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