Special Issue

Object Recognition with Vision Sensors Based on Machine Learning and Deep Learning

Message from the Guest Editors

As massive vision sensors have been established, object recognition has achieved significant success due to visual big data and advanced machine learning methods (e.g., deep learning). However, there are still several challenges, e.g., the assumption of closed-world recognition, the requirement of large-scale labeled images, the problem of few-shot learning, and poor model interpretability. This Special Issue aims to address the object recognition methods with vision sensors designed to meet these challenges.

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