Special Issue

Machine Learning in Pattern Recognition

Message from the Guest Editors

In this Special Issue, we consider machine learning in pattern recognition to predict a user's intentions from a series of activities undertaken within a known environment using data from wearable devices with sensors. The process involves human activity recognition (HAR), localization results, and a time component. Human activity recognition aims to recognize the actions and goals of one or more users from a series of observations of the users' movements and the environmental conditions. This Special Issue focuses on papers that provide up-to-date information on machine learning in pattern recognition, including localization, human activity recognition, and human intention prediction systems. Authors are invited to submit original contributions or survey papers for publication in the open-access journal *Algorithms*.

- machine learning
- pattern recognition
- localization
- tracking
- trajectory prediction
- human intention prediction
- human activity recognition (HAR)

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closed (15 April 2024)

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Message from the Editor-in-Chief

Algorithms are the very core of Computer Science. The whole area has been considered from quite different perspectives, having led to the development of many sub-communities: Complexity theory (limitations), approximation or parameterized algorithms (types of problems), geometric algorithms (subject area), metaheuristics, algorithm engineering, medical imaging (applications), indicates the range of perspectives. Our journal welcomes submissions written from any of these perspectives, so that it may become a forum for exchange of ideas between the corresponding scientific subcommunities.

Editor-in-Chief

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