

Special Issue

Supervised and Unsupervised Classification Algorithms (2nd Edition)

Message from the Guest Editors

Supervised classification algorithms are divided into two categories: classification and regression. In unsupervised classification, the data being processed are unlabeled, so in the lack of prior knowledge, the algorithm tries to search for a similarity to generate clusters and assign classes. Unsupervised classification algorithms are divided into three categories: clustering, data estimation, and dimensionality reduction.

Applications range from object detection from biomedical images and disease prediction to natural language understanding and generation. Submissions are welcome both for traditional classification problems as well as new applications. Potential topics include but are not limited to image classification, data integration, clustering approaches, feature extraction, etc.

- supervised classification algorithms
- clustering algorithms
- network analysis
- community extraction
- data science
- biological knowledge extraction

Guest Editors

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Deadline for manuscript submissions

closed (31 August 2024)



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About the Journal

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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