Special Issue

Machine Learning Algorithms in Natural Science

Message from the Guest Editors

In this Special Issue, we are open to any proposal that focuses on solving a problem in the field of natural sciences via the use of machine learning techniques. In particular, the following topics will be of interest to us:

- Application of ML techniques to natural phenomena (meteorology, seismology, volcanism, etc.).
- Application of ML techniques to classification problems in the field of natural sciences (animals, plants, viruses, diseases, etc.).
- Genetic analysis. Genomics.
- Problems of prediction and disease analysis.
- Epidemic prediction problems.
- Problems of prediction and analysis in the field of geology.
- Problems of prediction and analysis in the field of zoology.

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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.

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