Special Issue

Parameterized Complexity and Algorithms

Message from the Guest Editors

We invite scholars to contribute new or improved results of the parameterized complexity of combinatorial problems originated from different areas, emerging algorithmic techniques or paradigms of parameterized complexity, and surveys on the recent advances of parameterized complexity used in those areas.

- parameterized algorithms
- fixed-parameter algorithms
- kernelizations
- graph problems
- computational social choice
- cooperative game theory
- planning and scheduling
- decision making theory
- bioinformatics
- clustering
- matrics reconstruction
- Integer Linear Programming
- Heurestic Algorithms
- Approximation Algorithms

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closed (31 December 2021)

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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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