Surveys in Algorithm Analysis and Complexity Theory

Guest Editor:

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closed (31 October 2022)

Message from the Guest Editor

Dear Colleagues,

This is a Special Issue of *Algorithms* consisting of surveys in theoretical computer science. We invite original articles summarizing recent breakthroughs and/or describing the state of the art in any currently active research area related to algorithms, data structures, or computational complexity. Articles should be well-structured, and each article should focus on a clearly defined topic. In addition, sufficient background, definitions, and figures should be provided to ensure that the text will be accessible to anyone interested in theoretical computer science. Implementation-based surveys that compare the practical performance of various algorithms for a particular computational problem are also invited.

We hope that the surveys published in this Special Issue will be useful for other researchers and become highly cited in the near future.

Dr. Jesper Jansson
Guest Editor

Special Issue

Editor-in-Chief

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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.

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