Recent Developments in Algorithms and Computational Complexity

Guest Editor:

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Deadline for manuscript submissions:
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Message from the Guest Editor

Faced with the massive scale of data in the era of big data and artificial intelligence, higher requirements and challenges are being put forward in the field of applied science for the designed algorithm. This is particularly the case in relation to efforts to enhance the computational complexity of the designed algorithms, a factor which directly affects the solution efficiency. Although there are related studies on algorithms in the existing literature, publishing the the latest research progress is valuable for promoting the progress in this field.

This Special Issue will pay special attention to algorithms and computational complexity. Potential topics to be submitted include, but are not limited to, the following areas:

- Model solving algorithms
- AI algorithms
- Simulation algorithms
- Data fitting algorithms
- Intelligent optimization algorithms
- Spatial complexity of algorithms
- Time complexity of algorithms
- Uncertain computability

Prof. Dr. Yi Zhao

Guest Editors

Special Issue

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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