

## Special Issue

# Deep Neural Networks and Optimization Algorithms

### Message from the Guest Editors

Deep neural networks and optimization algorithms have recently been proved useful to model a variety of complex systems, which can be used to analyze various network properties. They are widely used in reality, such as image processing, speech recognition, network science, etc. At present, scholars in different fields at home and abroad have carried out fruitful research in the field of deep neural networks and optimization algorithms. At the same time, with the deepening of research, many new problems and challenges are emerging. The aim of this Special Issue is to provide the latest theoretical methods or practical algorithms to deep neural networks and their applications. It is hoped that this issue can provide useful information and technical references for readers interested in this field, so as to promote deep neural network progress.

### Guest Editors

Prof. Dr. Jia-Bao Liu

Dr. M. Faisal Nadeem

Dr. Yilun Shang

### Deadline for manuscript submissions

closed (15 June 2023)



## Algorithms

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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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### Editor-in-Chief

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