Special Issue

Learning-Based Multiobjective Optimization: Theory, Methods and Applications

Message from the Guest Editor

The Special Issue on "Learning-Based Multiobjective Optimization: Theory, Methods, and Applications" in the journal Applied Sciences focuses on the cutting-edge developments and applications of learning-based approaches to multiobjective optimization.

Submissions should focus on, but are not limited to:

The development of novel learning-based multiobjective optimization algorithms.
Applications of learning-based optimization in real-world scenarios, such as manufacturing, logistics, healthcare, and environmental management.
Comparative studies evaluating the performance of different optimization techniques.
Advances in computational methods and tools that facilitate efficient multiobjective optimization.
The integration of machine learning techniques with multiobjective optimization frameworks.
Theoretical insights into the convergence, robustness, and scalability of learning-based optimization methods.
Case studies demonstrating the practical benefits and challenges of implementing these approaches in various industries.

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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.

Editor-in-Chief

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