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Novel Research and Applications on Optimization Algorithms

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Message from the Guest Editors

This Special Issue aims to present to the scientific community novel research and developments in the field of optimization.

Optimization plays a key role in tackling complex real-world problems across various areas, such as logistics, transportation, finance, healthcare, engineering, navigation and communication, environmental sciences, and many more. When researchers develop or improve the existing optimization techniques, they contribute to both the efficiency and effectiveness of solutions to the above-mentioned problems in terms of resource consumption, cost saving, and decision-making. Furthermore, by making use of recent technological advances, new approaches in optimization may lead to reduced training times, more accurate predictions, and more efficient use of computational resources, which are essential for the development of cutting-edge applications in many fields.

We invite cutting-edge research and both theoretical and experimental studies exploring recent advances in this field.



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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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