Metaheuristics and Machine Learning: Theory and Applications

Guest Editors:

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Deadline for manuscript submissions:
closed (31 May 2022)

Message from the Guest Editors

The topics covered by this book will present a collection of high-quality research works written by renowned leaders in the field. We invite all researchers and practitioners to develop algorithms, systems, and applications, to share their results, ideas, and experiences. Topics of interest include, but are not limited to, the following:

- Hybrid and Parallelization Metaheuristics
- Multi-objective optimization
- Multilevel segmentation and Image processing
- Feature selection
- Reinforcement learning and Supervised learning
- Pattern recognition
- Ariticial Intillegence
- Fuzzy systems
- Data mining
- Computer vision
- Quantum Optimization
- Bioinformatics and Biomedical applications
- Engineering applications

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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