

Special Issue

Machine Learning and Optimization Algorithms for Data Analysis and Other Engineering Applications

Message from the Guest Editors

This is an era of information explosion, and there are a lot of data in many fields, such as medical data, power data, and behavior data generated after browsing goods on e-commerce platforms, etc. How to extract feature information from a large amount of data, conduct data classification and regression analysis, or make reasonable predictions will play an important role in assisting managers to make correct decisions. Machine learning (ML) and optimization methods as an important and effective tool can be used in analyzing and integrating multiple sources of data to solve important engineering problems and designing suitable ML and optimization methods that fit the problem well and leverage large datasets is critical for their success in corresponding fields. Topics of interest for this Special Issue include but are not limited to:

- Novel and robust ML methods for data analysis
- Effective optimization solution method for ML algorithms
- Group intelligence optimization algorithm for parameters selection and optimization of different ML algorithms

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Deadline for manuscript submissions

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