Special Issue

Online Algorithms with Business Applications

Message from the Guest Editors

Online algorithms are a classic research area in computer science focusing on the effective solution of problems with unknown future data. The online solution often is compared to the offline solution where all future data are known. If the ratio between the performance of an online algorithm and an optimal offline algorithm is bounded, the online algorithm is called competitive. In operations research, the area of online algorithms is called online optimization. Applications of online optimization in business environments are, e.g., conversion, scheduling, search, trading, portfolio selection, and investment. We invite you to submit high-quality papers to this Special Issue on "Online Algorithms with Business Applications", with subjects covering the whole range from theory to applications.

Guest Editors

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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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