Biology-Inspired Algorithms and optimization

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submissions:
closed (31 December 2023)

Message from the Guest Editor

We invite you to present your latest research in solving various applied optimization problems by using bioinspired algorithms.

We are looking for both new and innovative bioinspired optimization algorithms, as well as new areas of their application.

High-quality papers are solicited to address both theoretical and practical issues of applying bioinspired optimization algorithms.

Submissions are welcome for both traditional optimization problems and new applications.

Potential topics include, but are not limited to, solving single- or multi-objective optimization problems, research into fine-tuning the parameters of various models and systems, as well as a broad spectrum of planning, layout, and placement problems in traditional and new 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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