Special Issue

Nature Inspired Optimization Algorithms Recent Advances and Applications II

Message from the Guest Editors

Nature-inspired optimization algorithms represent a very important research field in computational intelligence, soft computing, and optimization in a general sense. Indeed, past and ongoing research in this field cover an important group of subjects, from basic research to a large number of real-world applications in almost all areas, which include science, engineering, industry, economics, and business. The creation of many new algorithms based on natural processes like natural selection, food foraging, physical laws, group movements and other natural models have made this field of research very rich. The principal aim of this Special Issue is to assemble state-of-the-art contributions on the latest research and development, up-to-date issues, and challenges in the field of nature-inspired optimization algorithms. Proposed submissions should be original, unpublished, and should present novel in-depth fundamental research contributions either from a methodological perspective or from an application point of view.

Guest Editors

Prof. Dr. Xiao-Zhi Gao

Faculty of Natural Sciences and Forestry, Department of Computer Science, University of Eastern Finland, 70211 Kuopio, Finland

Dr. Allouani Fouad

Department of Industrial Engineering, University of Khenchela, Khenchela 40004, Algeria

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Algorithms
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
algorithms@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Frank Werner
Faculty of Mathematics, Otto-von-Guericke-University, P.O. Box 4120, D-39016 Magdeburg, Germany

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