

Special Issue

Computational Intelligence and Nature-Inspired Computing for Data Analytics

Message from the Guest Editors

Computational intelligence and nature-inspired computing generally deal with the theory, design, application and development of biologically and linguistically motivated computational paradigms. Moreover, over the past few decades, computational intelligence and nature-inspired computing research have provided a handy and comprehensive tool for solving complex real-world optimization problems by mimicking nature-inspired processes and artificial models such as swarm intelligence, artificial immune systems, membrane computing, cognitive computing and neural and evolutionary computations. In this Special Issue, we aim to promote discussions around recent efforts and advances in applying computational intelligence and nature-inspired computing approaches to ***practical optimization problems in data analytics*** research relating to discovering, interpreting and communicating meaningful patterns in big data. Specific areas of interest include novel technical contributions focusing on: *large language models (such as GPT: generative pre-trained transformer 3 & 4 and BERT: bidirectional encoder representations from transformers); predictive maintenance machine learning.....*

Guest Editors

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Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

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