Special Issue

Advanced Computational Intelligence in Cloud/Edge Computing

Message from the Guest Editors

Integrating AI and cloud/edge computing fully unleashes their potential values, leading to a new intelligence computing paradigm. However, there are still many open-ended challenges during its implementation, such as limited computing, networks, and energy resources, accompanied by serious security issues. Meanwhile, the dynamic features of cloud/edge environments also complicate matters. Under this landscape, computational intelligence has emerged that focuses on crafting diverse computational techniques inspired by intelligent behaviors in nature and biology. By learning from data and making decisions grounded in discernment, among other methods, such techniques can lead to machines with the capabilities to solve complicated problems. Therefore, advanced computational intelligence exhibits great promise and abundant prospects for applications in cloud/edge computing, which can serve as both an enabler that bolsters the service capabilities and as a problem-solver, surmounting the obstacles during the system design.

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Deadline for manuscript submissions

1 March 2025

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Mathematics

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About the Journal

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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