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Applied Computing and Artificial Intelligence, 2nd Edition

Guest Editors:

Dr. Xiang Li

Dr. Shuo Zhang

Dr. Wei Zhang

Dr. Jin Qian

Deadline for manuscript submissions:
28 February 2025

Message from the Guest Editors

Dear Colleagues,

We are pleased to announce this Special Issue of the journal *Mathematics* entitled "Applied Computing and Artificial Intelligence, 2nd Edition". This initiative focuses on advances in algorithmic research and practical applications of applied computing and artificial intelligence methods, which have been attracting growing interest in recent years, due to their effectiveness in solving technical problems. The recent developments in applied mathematics have largely led to benefits in many industrial tasks in different fields, including the aerospace industry, manufacturing, transportation, energy, robotics, materials, informatics, etc. A large number of practical industrial problems have been well addressed, such as system condition monitoring, parameter identification, time-series data prediction, fault diagnosis, signal processing, dynamics analysis, system optimization, data-driven modeling, etc.

This Special Issue invites high-quality original research or review papers on recent advanced methods in applied computing and artificial intelligence to address the practical challenges in the related areas.

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Editor-in-Chief

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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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