

Special Issue

Advances and Applications of Artificial Intelligence Technologies

Message from the Guest Editors

Currently, AI is increasingly integrated into our lives, and interdisciplinary collaborations and responsible AI development are gaining prominence to ensure its positive impact on society. Nevertheless, as AI applications continue to expand, the technical shortcomings alongside issues. Consequently, the research community is exploring cutting-edge AI technologies to enhance the dependability of these applications. This Special Issue on “Advances and Applications of Artificial Intelligence Technologies” is aimed at propagating the latest research results and developments in AI, with special interest in its advanced theories and practical applications in mathematics, computer science, electronic information, industrial engineering, control science, communication engineering, and other fields. We kindly invite researchers and practitioners to contribute their high-quality original research or review articles discussing cutting-edge research topics in AI. Analytical, numerical, and experimental works that contribute to the development of applications of AI technologies are welcome.

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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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