

Special Issue

Ambient Intelligence Methods and Applications

Message from the Guest Editors

This Special Issue has two purposes: First, it aims to present recent advances in data mining and machine learning techniques, focusing on knowledge discovery and optimal decision making with special emphasis on dynamic, heterogeneous and continuously changing environments. Second, it plans to present state-of-the-art data-driven applications that take input from distributed sources and build collective knowledge in order to improve the daily life and wellbeing of human society. We invite academic and industrial researchers to propose original, high-quality and innovative methods for incremental learning and few-shot and self-learning. Topics of interest include, but are not limited to: Online learning; Zero- and few-shot learning; Self-learning systems; Distributed and collaborative learning; Data-driven IoT; Smart homes/cities/factoring/healthcare; Mobility and intelligent transportation; Intelligent networking; Drones for object and event detection; Cybernetics and human-to-machine interaction.

Guest Editors

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Deadline for manuscript submissions

closed (20 February 2025)



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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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