Special Issue

Control Theory and Computational Intelligence

Message from the Guest Editors

In recent years, the fields of control theory and computational intelligence have undergone significant theoretical and application advancements. Furthermore, the combined applications of these two disciplines have revolutionized current technological developments and have established the theoretical foundations for future research. Therefore, this Special Issue aims to collate theoretical and application research on the different subdisciplines of control theory and computational intelligence, such as nonlinear and linear control theory, fault-tolerant control systems, nonlinear and linear estimation systems, neural networks, fuzzy systems, and evolutionary computation. We cordially invite researchers working in automatic control and computational intelligence fields to submit their novel studies.

- control systems;
- stability theory;
- nonlinear and linear estimation;
- fault-tolerant systems;
- diagnosis systems;
- artificial neural networks;
- fuzzy systems;
- evolutionary computation;
- applied mathematics;
- ordinary differential equations;
- fractional differential equations.

Guest Editors

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Deadline for manuscript submissions

closed (31 July 2025)

MDPI

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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