Special Issue

Advances of Intelligent Systems

Message from the Guest Editors

Intelligent systems are widely used in power grids, air and road traffic control systems, communication networks and other practical applications. The rapid development of information technology and big data in recent years has brought about opportunities for the modeling, analysis, calculation, control and optimization of intelligent systems. Intelligent systems and computing, a multi-disciplinary subject, integrates simulation and computer modeling, data analysis, control theory, intelligent optimization, network technology and so on. This Special Issue aims to publish new theories, methods, algorithms and applications pertaining to the analysis, calculation, optimization and control of intelligent systems. Topics of interest include, but are not limited to, the following:

- Modeling in intelligent systems;
- Simulation software;
- Numerical methods for intelligent systems;
- Optimization methods;
- Control problems;
- Markov decision process;
- Reinforcement learning;
- Deep learning.

Guest Editors

Prof. Dr. Fangfei Li

School of Mathematics and the Key Laboratory of Smart Manufacturing in Energy Chemical Process, Ministry of Education, East China University of Science and Technology, Shanghai 200237, China

Dr. Jiapeng Xu

Department of Electrical and Computer Engineering, University of Windsor, Windsor, ON N9B 3P4, Canada

Deadline for manuscript submissions

closed (30 April 2024)

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Mathematics

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.

Editor-in-Chief

Prof. Dr. Francisco Chiclana
School of Computer Science and Informatics, De Montfort University, The Gateway, Leicester LE1 9BH, UK

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