



mathematics



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Mathematical Modeling, Machine Learning, and Intelligent Computing for Internet of Things

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Message from the Guest Editor

Dear Colleagues,

The advent of Internet of Things (IoT) has created a demand for advanced technologies in mathematical modeling, machine learning, and intelligent computing to address complex and challenging issues. These technologies play a pivotal role in understanding and processing the diverse data types generated by increasingly sophisticated sensors, encompassing tasks such as target recognition, segmentation, depth estimation, object tracking, and semantic understanding. Additionally, they extend to methods of interconnecting objects, including blockchain technology. Originally developed for artificial datasets and abstract tasks, these technologies have now found practical applications in solving real-world problems. Consequently, this Special Issue is dedicated to showcasing the latest theoretical and practical research in mathematical modeling, machine learning, and intelligent computing within the context of the IoT.



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Special Issue



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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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