Special Issue

Computational Methods in Wireless Communication

Message from the Guest Editor

Computational Methods in Wireless Communication is a specialized field that focuses on the development of advanced computational techniques for the design, analysis, and optimization of wireless communication systems. This domain plays a critical role in enhancing the performance, efficiency, and reliability of modern wireless networks by leveraging sophisticated mathematical models, optimization algorithms, and machine learning methodologies. This interdisciplinary domain is indispensable for the evolution of future wireless communication technologies, underpinning innovations in ultra-reliable, high-speed, and intelligent networking systems. We welcome submissions in the following research areas:

- **Optimization Techniques**

- **Machine Learning and AI-Driven Approaches**

- **Theoretical Modelling and Stochastic Optimization**

- **Advanced Signal Processing Algorithms**

- **Quantum Computing and Next-Generation Computational Paradigms**

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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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