Special Issue

Advanced Algorithms in Wireless Communication and Internet of Things (IoT)

Message from the Guest Editors

This Special Issue aims to explore and disseminate the latest research in advanced algorithms used in wireless communication and IoT. We accept research and review articles covering a diverse range of topics, including but not limited to:

- Energy-efficient routing algorithms for IoT devices.
- Machine learning-based anomaly detection and predictive maintenance in IoT networks.
- Cryptographic algorithms for secure communication in IoT.
- Hybrid analog–digital beamforming for efficient wireless communication.
- Channel estimation and equalization techniques for improving signal quality.
- Modulation and coding schemes for reliable data transmission in IoT.
- Network optimization algorithms for efficient resource allocation in wireless networks and IoT.
- Distributed algorithms for data processing in IoT networks.
- Game theory-based approaches for wireless network resource allocation.
- Multi-objective optimization for wireless communication in IoT.
- Sensor data fusion and calibration.
- Real-time data stream processing.

Guest Editors

Dr. Farag M. Sallabi

Faculty of Information Technology, United Arab Emirates University, Al Ain P.O. Box 15551, United Arab Emirates

Dr. Mohammad Hayajneh

Faculty of Information Technology, United Arab Emirates University, Al Ain P.O. Box 15551, United Arab Emirates

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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.

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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