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

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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:

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



Specialsue







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Message from the Editor-in-Chief

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