Interference Mitigation and Energy Management in 5G Heterogeneous Cellular Networks

Part of the Advances in Wireless Technologies and Telecommunication Book Series

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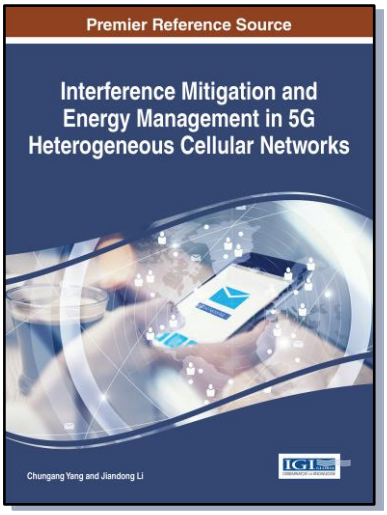

Description:

In recent years, wireless networks have become more ubiquitous and integrated into everyday life. As such, it is increasingly imperative to research new methods to boost cost-effectiveness for spectrum and energy efficiency.

Interference Mitigation and Energy Management in 5G Heterogeneous Cellular Networks is a pivotal reference source for the latest research on emerging network architectures and mitigation technology to enhance cellular network performance and dependency. Features extensive coverage across a range of relevant perspectives and topics, such as interference alignment, resource allocation, and high-speed mobile environments,

Readers:

This book is ideally designed for engineers, professionals, practitioners, upper-level students, and academics seeking current research on interference and energy management for 5G heterogeneous cellular networks.

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Topics Covered:

- Cognitive Radio
- Game Theory
- Green Technologies
- High-Speed Mobile Environments
- Interference Alignment
- Load Balancing
- Resource Allocation
- Small-Cell Networks

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