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Nota di contenuto	Introduction -- Collaborative Inference for Mobile Deep Learning Applications -- Compressed Sensing Channel Estimation for LTE-V -- Power Allocation Scheme for Non-Orthogonal Multiple Access in Cloud Radio Access Networks -- Energy Efficient Optimization Scheme for Uplink Distributed Antenna System with D2D Communication -- A Cluster-Based Interference Management with Successive Cancellation for UDNs -- Delay Sensitive Application Partitioning and Task Scheduling in Mobile Edge Cloud Prototyping -- Priority-based User- centric Interference Mitigation Scheme in the Ultra Dense Network -- SAR Target Recognition via Enhanced Kernel Sparse Representation of Monogenic Signal -- Optimization of FBMC Waveform by Designing NPR Prototype Filter with Improved Stopband Suppression -- Robust

Spectrum-Energy Efficiency for Green Cognitive Communications --
Optimal Precoding Design for LoS MIMO Channels with the Spherical-
Wave Model -- An Envisioned Virtual Gateway Architecture for Capillary
Networks in Smart Cities -- A Network Calculus Based Traceable
Performance Analysis Framework of C-RAN for 5G -- Image dehazing
using degradation model and group-based sparse representation --
Delay Analysis for URLLC in 5G Based on Stochastic Network Calculus
-- Conclusion.

Sommario/riassunto

The book presents the proceedings of the 2nd International Conference on 5G for Ubiquitous Connectivity (5GU 2018), which took place on December 4-5, 2018 in Nanjing, People's Republic of China. The aim of this conference is to bring together researchers and developers as well as regulators and policy makers to present their latest views on 5G, including new networking, new wireless communications, resource control & management, future access techniques, new emerging applications, and latest findings in key research activities on 5G. The book is applicable to researchers, academics, students, and professionals. Features practical, tested applications in 5G for ubiquitous connectivity; Includes discussion of 5G for ubiquitous connectivity in relation to wireless communications, resource control & management, and future access techniques; Applicable to researchers, academics, students, and professionals.
