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Nota di contenuto	Green Wireless Communications and Networking -- Power-Efficient Last Mile Access Using Fiber-Connected Massively Distributed Antenna (BWA-FMDA) System -- Wireless Networks Resources Trading for QoS Performance Guaranteed Green Communications -- Green Relay Techniques in Cellular Systems -- Cross-Layer Design and Optimization for Green Wireless Communications and Networking -- Energy-Efficient Rate Adaptation in Long-Distance Wireless Mesh Networks -- Green Wireline Communications and Networking -- Graph-Theoretic Algorithms for Energy Saving in IP Networks -- Architectural Design of an Energy-Efficient Router -- The Impact of Renewable Energy Sources in the CO2 Emissions of Converged Optical Network and Cloud Infrastructures -- Low Power Dynamic Scheduling for Computing Systems -- Smart Grid Communications and Networking -- Smart Grid Communication Network and Its Applications -- Demand and Response in Smart Grid -- Green Wireless Cellular Networks in the

Smart Grid Environment.

Sommario/riassunto

Green Communications and Networking introduces novel solutions that can bring about significant reductions in energy consumption in the information and communication technology (ICT) industry-as well as other industries, including electric power. Containing the contributions of leading experts in the field, it examines the latest research advances in green communications and networking for next-generation wired, wireless, and smart-grid networks. The book presents cutting-edge algorithms, protocols, and network architectures to improve energy efficiency in communicati
