

Title: Zhou Communication 5G Base Station

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To solve this problem, a two-step energy management method that coordinates 5G macro BSs for 5G networks with user clustering is proposed.

Simulation results show that the proposed two-stage optimal dispatch method can effectively encourage multiple 5G BSs to participate in DR and achieve the win-win effect of assisting the ...

The coordination among the communication equipment and the standard equipment in 5G macro BSs is developed to reduce both the energy consumption and the electricity costs.

Simulation results show that the proposed two-stage optimal dispatch method can effectively encourage multiple 5G BSs to participate in DR and achieve the win-win effect of ...

In this regard, this paper proposes a DN optimal dispatch model that incorporates the adaptive aggregation of 5G base stations (BSs) through a cooperative game framework. ...

To solve the problem of indoor positioning with single 5G gNB, we propose a fingerprinting method based on the multi-beam of 5G downlink signals.

Alongside the 5G push, China will also start trials for 10-gigabit optical networks and optimize computing power centers amid an artificial intelligence (AI) boom brought on by ...

In this paper, we present a logically distributed but physically centralized mobile network architecture, referred to as the super base station (super BS), for the 5G system.

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