

Title: Communication 5g base station super migration

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In this paper, a centralized radio access network architecture, referred to as the super base station (super BS), is proposed, as a possible solution for an energy-efficient fifth ...

Abstract: The integration of high proportions of distributed energy resources and the soaring development of 5G base stations (BSs) could lead to operational issues such as grid ...

Abstract: With the large-scale connection of 5G base stations (BSs) to the distribution networks (DNs), 5G BSs are utilized as flexible loads to participate in the peak load regulation, where ...

In this paper, the major work is to solve the "blind spot" of 5G existing network BSs. In other words, it aims to solve the signal coverage problem of weak coverage points on the ...

mobile communication networks and the traditional virtual machine migration in computer networks. The main idea is to logically separate the processing task and data context during ...

This paper develops a method to consider the multi-objective cooperative optimization operation of 5G communication base stations and Active Distribution Network ...

This paper discusses the site optimization technology of mobile communication network, especially in the aspects of enhancing coverage and optimizing base station layout.

In this paper, a distributed collaborative optimization approach is proposed for power distribution and communication networks with 5G base stations. Firstly, the model of 5G base stations ...

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