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Title: Base station communication solution and selection

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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 basis of 5G ...

Specifically, we propose a Multimodal Optimal Base Station Selection Network (MOBS-Net) that integrates heterogeneous features from the wireless channel and surrounding environment to ...

In this article, we target the audience of Wireless Communications Engineers working within Telecommunications Carriers, and we discuss comprehensive strategies for base station design that ...

Through the analysis of base station layout in cellular networks, using Geometric Dilution of Precision (GDOP) as the optimization objective, we propose a Dynamic Base Stations Selection ...

This method enables the system to dynamically select the positioning base station when positioning target in the detection area. DBSS mainly include three steps: nearest base station calculation, ...

In this paper, we address the classical problem of locating base stations for a mobile cellular network to serve mobile users in a given geographical area considering the users" ...

presents a following method: location selection and network optimization for the wireless communication network. First, it collects the experimental data set of base station locati.

Firstly, this paper outlines the site selection issues for communication base stations, considering the varying communication needs of users and constructs a site selection model for ...

In this paper, to address the site planning and area clustering problems of mobile communication networks, the K-mean clustering algorithm, linear programming,

Based on the principle of priority business volume and the cost performance of base station, this paper establishes a set of models to solve the site selection planning problem of urban...

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