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Title: Communication Big Data Base Station

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The model constructed in this study based on CNN and improved regression tree algorithm can accurately predict the communication quality of wireless big data base stations.

Therefore, this research builds an RPMA communication quality prediction model for big data wireless base stations, which combines the convolutional neural network (CNN) algorithm and ...

Kyocera's innovation allows multiple telecommunications operators to share a single base station (CU/DU or O-RU) to process communication data.

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 ...

As global mobile data traffic surges 35% annually, communication base stations face unprecedented demands. Can traditional tower designs sustain hyper-connected smart cities ...

the CNN model has remarkable performance in base station location selection, as well as in network optimization. In summary, the feature extraction and processing ability of ...

This paper uses big data technologies to study base stations' behaviors and activities and their predictability in mobile cellular networks. With new technologies quickly appearing, current ...

The Elman neural network is utilized in this study to anticipate mobile base station traffic. The Elman neural network has reverse adjustment transferring from the output layer to ...

Base stations form a key part of modern wireless communication networks because they offer some crucial advantages, ...

It is to design a wireless communication base station monitoring system based on artificial intelligence and network security.

Base stations form a key part of modern wireless communication networks because they offer some crucial advantages, such as wide coverage, continuous communications and ...

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