
Cluster base station communication distance

With the objective function as the minimization of the total construction cost of the new base stations, as well as the constraints as the minimal distance between adjacent base ...

1. Introduction Recently, with the rapid development of wireless communication technology, the enhancement of wireless network performance is concerned with meeting the ...

The proposed model employs two approaches named a mobile base station and a cluster-based network technique to reduce the communicating distances between sensor ...

Abstract By analyzing the unit cost of macro base station and micro base station, this paper selects all micro base stations to reduce the cost. Then, the coordinates of the new ...

Meanwhile, clustering technique is used to reduce the network load and hence the nodes preserve a significant amount of energy [31,32]. In general, sensor nodes belong to one ...

In order to improve the quality of mobile communication and make the optimal solution of site planning, this paper uses the normal distribution 3-standard deviation method, ...

This can lead to suboptimal network performance and a poor user experience. To address this challenge, we propose a Clustering-Driven Approach for Base Station Parameter ...

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