

Title: Cluster base station communication distance

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In this paper, we develop a method that combines the above approaches. We send data to the BS in rounds. In each round the heterogeneous nodes (in terms of starting energy) that form ...

The utilization of inter-cluster multi-hop communication occurs when the distance between the base station and the cluster head is greater than the distance threshold.

In this study, we developed a stochastic model to analyse the information and communication interaction between a base station and a set of subscribers in a 5G cluster with ...

Rather than using a heuristic approach, we propose a dis-tributed LEACH-based CH selection algorithm in which nodes are self-selected to become CHs with different probabilities based on ...

These CH nodes form a multi-hop communication link that convey the captured data of the clusters" nodes to the sink destination node. The performance of the proposed CH ...

This paper provides some reference ideas for solving the problem of selecting and planning the base station site in the communication network.

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