Abstract

A wireless sensor network consists of large number of sensor nodes limited by a small energy spread in a large geographical area. Many algorithm collect information from the network by using clustering. LEACH is the most famous and popular one from this algorithm to maintain the energy efficiency of sensor nodes. In this paper, we propose a new algorithm to choose the cluster head with the highest energy. In our proposed work, we have collected all the nodes in the array and arranged them in descending order and then we select the best three nodes with the highest energy as a main cluster heads.

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