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Abstract

Data aggregation is a helpful technique for reducing the communication overhead in wireless sensor network. One of the important tasks of data aggregation is positioning of the aggregator points. There are a lot of work done on data aggregation. But efficient positioning of the aggregators points is not focused so much. The paper focuses on the positioning or the placement of the aggregation points in wireless sensor network. This research proposes an algorithm to select the aggregators' positions for a scenario where aggregator nodes are more powerful than sensor nodes.

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Index Terms

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Keywords

Data Aggregation, Wireless sensor network, Aggregator point, Aggregator position