Abstract

To optimize the QoS in a sensor network, it is required to optimize it under various coverage problems. A network is defined under three main coverage aspects called target coverage, area coverage and barrier coverage. If the network is optimized under all these coverage's, the scalability, reliability and efficiency will be achieved. This kind of optimization can be achieved statistically during deployment or dynamically with optimization
A Study on Challenges Associated in Coverage Problem in WSN

algorithm. In this paper, a study on the challenges associated with different kind of coverage problems is defined.

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Index Terms

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