Abstract

Energy saving and improve the life time of the sensor node is main focus in the recent years. The most important technique used in wireless sensor networks to reduce energy consumption is Topology Control (i.e. control the topology by maintaining the communication links between network nodes to maintain the connectivity). In this article, first we overview the recent topology control techniques including future directions followed by performance metrics. Further, our overview help to identify a number of issues for achieving energy efficiency and network lifetime through topology control.

References

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**Index Terms**

Computer Science     Wireless

**Keywords**

Wireless sensor network     Connectivity     Energy Consumption     Network Lifetime