Routing Approaches for Wireless Sensor Network

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Abstract

In this paper, we describe the approaches for routing in Wireless Sensor Networks. Their characteristics are discussed. An efficient routing approach is then proposed based on energy equations and use of advanced nodes having high energy than normal nodes. This intelligent cluster routing is then compared with SEP routing.

References

- M. Palit and R. C. Biradar "A Survey on Routing Protocols in WSN", Networks (ICON), 18th IEEE International Conference, Dec. 2012,
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- M M Ismail, M A Matin2, T K Mondol l "Extended Stable Election Protocol (SEP) for Threelevel Hierarchical Clustered Heterogeneous WSN"; (IEEE), vol: 5, pp. 1-4, June 2012.
- Fuzhe Zhao, You Xu, Ru Li, "Improved Leach Communication Protocol for WSN"; International Conference on Control Engineering and Communication Technology, pp:-700-702, 2012.
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- http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.129.2369

Index Terms

Computer Science

Wireless

Keywords

Flat Routing    Cluster Routing    Energy efficient approach for WSN