Abstract

Approaches in wireless sensor network (WSN) technology has gained the availability of small and low-cost sensor nodes with sensing capability of various types of physical and environmental conditions, data processing, and wireless communication. In wireless sensor networks have conduct to many new protocols particularly designed for sensor networks where energy awareness is an essential issue? Most of the observation, however, has been given to the routing protocols since they just differ depending on the application and network architecture. This paper surveys recent routing protocols for sensor networks and presents a classification [2] for the various approaches pursued. There are three main types data-centric, hierarchical and location-based.the only one type explored in this paper is hierarchical. Each hierarchical routing protocol is described.

References

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**Index Terms**

Computer Science  
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**Keywords**

WSN, Routing Protocols, nodes, energy.