Abstract

There is an increased interest in the use of wireless sensor networks (WSNs) for the past few years. Energy constraint is a critical problem to be considered. Clustering is introduced in WSNs because of its network scalability, energy-saving attributes and network topology stabilities. Generally clustering can be classified into three methodologies-Centralized clustering, Distributed clustering, Hybrid clustering. Clustering is becoming an active branch of routing technology in WSNs. This paper presents a comprehensive and fine grained survey on various clustering schemes in WSN. A few prominent WSN clustering routing protocols are analyzed and compared these different approaches based on our taxonomy and several
significant metrics.

References

- Y. Li, M. Thai and W. Wu, "Topology control for wireless sensor networks", ...


**Index Terms**

Computer Science  Wireless

**Keywords**

Clustering  Clusterhead Energy Efficiency  Wireless Sensor Network