A Novel Hybrid Clustering Algorithm for Lifetime Maximization and Throughput Enhancement in Wireless Sensor Networks

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Abstract: Wireless sensor networks (WSNs) can be deployed both inside and out-of-doors. Sensor nodes can be positioned on a very large scale, perhaps even woven in fabric, or scattered from airplanes. It can also be used in habitat observation, energy administration, inventory control, and military warfare. Therefore many sensor networks will likely be deployed in open, actually insecure, or even hostile atmospheres where node compromise is a distinct likelihood. One of the major advantages of wireless sensor networks is their capability to operate in unattended, harsh environments in which existing human-in-the-loop monitoring schemes are uncertain, inefficient, and sometimes

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