Abstract

Wireless sensor network is collection of large numbers of wireless sensor nodes to collect information from their sensing terrain. Wireless sensor nodes are battery-powered devices. Energy saving is always important to the lifetime of wireless sensor network. Recently many algorithms are available to track energy saving problems in wireless sensor network to increase lifetime of network the algorithms are top-down approach and bottom-up approach but there are problems with this techniques. The proposed technique is a delay aware technique for wireless sensor network using regular sleep and wake periods. The objective of proposed network structure is to minimize delay and to increase lifetime of wireless sensor network. The proposed network formation technique is sleep and wake period with top-down approach.

References

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A Delay and Energy Aware Technique for Wireless Sensor Networks using Regular Sleep and Wake Periods


Index Terms

Computer Science

Wireless

Keywords

Top-Down approach  Bottom-Up approach  Sleep and Wake Periods.