

SFO-ECRSEP: Sensor Field Optimization Based Ecrsep For Heterogeneous WSNS

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Abstract : The sensor field optimization is a serious issue in WSNs and has been ignored by many researchers. As in numerous real-time sensing fields the sensor nodes on the corners i.e. on the segment boundaries will become lifeless early because no extraordinary safety is presented for them. Accordingly, in this research work the central objective is on the segment based optimization by separating the sensor field between advance and normal segments. The inspiration at the back this sensor field optimization is to extend the time span when the first sensor node dies. For the reason that in normal sensor nodes which were exist on the borders may become lifeless early because the space among them and the base station is more so they consume more power so at last will become lifeless soon.

Keywords : WSNs, ECRSEP, SEP, field optimization, energy

Conference Title : ICWINS 2014 : International Conference on Wireless Information Networks and Systems

Conference Location : Melbourne, Australia

Conference Dates : December 11-12, 2014