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# Neural Network Based Forecasting Technique for Wireless Sensor Networks

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## Abstract

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The diversified and huge applicability of sensor networks has attracted the researchers in this field. The nodes in the sensor networks are distinguished by the scarce resources; hence energy conservation approaches are of great significance. The node scheduling approaches aims to schedule the nodes in a number of set covers, which can be activated periodically to monitor the given points of interest with the desired confidence level along with the objective of maximizing coverage and network lifetime. The determination of set covers is considered as a NP hard problem and is dependent on different network parameters such as node contribution, trust values and coverage probability.. The main motivation of the proposed approach is to reduce this complexity by employing the prediction