Enhanced Energy Harvesting for IOT based Fuzzy Logics by using Gaussian Membership Functions

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Abstract

Energy harvesting is a capable approach for the developing IOT. Thus, nodes in IOTs are battery-powered, thus a low-power feature is a fundamental requirement. For battery-powered nodes, methods are required in order to reduce possible energy consumption. This report delivers that numerous high efficiency techniques are suggested until now for improved power consumption. Beyond these individuals hairy based IOTs has proved very efficient success but still it can be enhanced additional by simply introducing additional membership rights functions. The reason for this kind of report will be to propose Gaussian sensible models based membership rights function for optimizing in addition to decreasing utilization sleep mode.

References


**Index Terms**

Computer Science  
Algorithms

**Keywords**

Internet of Things (IOT), Wireless Energy Harvesting Units, Fuzzy Logic and Gaussian Membership Functions.