

عنوان مقاله:

Proposing a Method to Increase Fault Tolerance in Wireless Sensor Networks Using Fuzzy Logic

محل انتشار:

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خلاصه مقاله:

Considering the capabilities of fuzzy logic (such as low computational load, usability in distributed environments with inaccurate information, full compliance with the universe, etc.), it appears to be appropriate to be used to optimize energy consumption and fault tolerance in wireless sensor networks. The proposed protocol is called FFT-LEACH. The purpose of using this protocol is to increase fault tolerance and network lifetime and reduce energy consumption

کلمات کلیدی:

Wireless sensor networks; Fuzzy logic; Energy consumption; Fault tolerance

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