

Energy issues in wireless sensor networks, simulation and evaluation

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Abstract: In the context of increasing interest in energy efficiency, researching energy issues in wireless sensor networks (WSN) has become essential. This topic aims to assess the current state of WSN energy and propose energy optimization solutions through simulation and empirical analysis. Based on a combination of theoretical research and practical experiments, the topic hopes to provide important knowledge about energy management in WSN as well as contribute to the sustainable development of WSN technology.

Keywords: WSN energy, Simulation and evaluation, Energy optimization, Wireless sensor technology, Energy management