

Evaluate the energy problem in wireless sensor networks.

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Abstract: In the context of the rapid development of IoT technology and Wireless Sensor Networks (WSN), energy sources become a critical challenge. This topic aims to evaluate issues related to energy management in WSN, with the goal of building a system that optimizes energy efficiency and extends the operational lifetime of sensor devices. Through theoretical research combined with experimentation, the project hopes to contribute new solutions to the field of wireless sensor networks and promote sustainable development in information technology.

Keywords: Energy, Wireless Sensor Network (WSN), Energy Optimization, IoT, Power Management