

Controlling energy consumption of wireless sensor networks

Hoang Thi Thom

Abstract: This topic focuses on analyzing and controlling energy consumption in wireless sensor networks, an increasingly important field due to the rapid growth of IoT devices. The goal is to build an efficient energy management system to optimize battery life for sensor devices. The research methodology includes both theoretical and experimental approaches, through the implementation of energy control algorithms in real sensor networks. The expected results will significantly contribute to improving the performance and sustainable operation of IoT systems.

Keywords: energy control, wireless sensor network, IoT