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(57) Abstract :
The present disclosure relates generally to field of IoT networks. More specifically the present invention relates to a system for monitoring electromagnetic field interference in IoT networks. The system (100) includes an array of sensors (102) connected to a plurality of IoT devices (104) in a network (116), a monitoring device (106), a data processing unit (108), a countermeasures unit (114) and a user interface (118). The monitoring device (106) is configured to monitor electromagnetic fields in real-time and collect data. The countermeasures unit (114) is configured to implement appropriate countermeasures to mitigate the identified interference. Further the present invention relates to a method for monitoring electromagnetic field interference in IoT networks. Advantageously, the present invention relates to a comprehensive system for real-time monitoring and analysis of electromagnetic fields in IoT networks, and implementing appropriate countermeasures to ensure network security and stability.

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