Title: IoT Securing System using Fuzzy Commitment for DCT-based Fingerprint Recognition.
Conference title: 2018 3rd International Conference on Pattern Analysis and Intelligent Systems (PAIS).
URL : https://doi.org/10.1109/pais.2018.8598511.

Date : 24/10/2018

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Abstract

Internet of Things refers to a paradigm consisting of a variety of uniquely identifiable day to day things communicating with one another to form a large scale dynamic network. Securing access to this network is a current challenging issue. This paper proposes an encryption system suitable to IoT features. In this system we integrated the fuzzy commitment scheme in DCT-based recognition method for fingerprint. To demonstrate the efficiency of our scheme, the obtained results are analyzed and compared with direct matching (without encryption) according to the most used criteria; FAR and FRR.