Abstract

The authentication of people using Iris based recognition system is the most reliable biometric traits due to its stability, invariant and distinctive features for personal identification. Iris
recognition consists of localization of the Iris region, extracting Iris features, generation of data set of Iris images and then Iris pattern recognition. This paper presents Iris recognition system based on partial portion of Iris patterns using Back Propagation Neural Network (BPNN). Experimental results have demonstrated the effectiveness of the propose system in terms of recognition accuracy in comparison with the previous methods.

References