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## **Abstract**

Iris recognition algorithms have been proposed in several works with some of these algorithms solving mainly templates identification accuracy issues. The need to test these algorithms for identification or matching speed cannot be over-emphasized as this is also important when deploying algorithms in real application. This aim of this paper is to implement and validate a selected iris recognition algorithm. Performance evaluation was performed with the sole purpose of verifying the literature reported accuracy for the selected algorithm as well as to compute its identification speed on two databases (CASIA and Bulris) containing 600 iris images each. Results obtained matched the earlier 0% false acceptance with CASIA database but 42.3% with Bulris. This paper results verifies the scope of this algorithm and the need for improvement that could increase its adoptability globally.

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### Index Terms

Computer Science

Algorithms

### Keywords

Iris recognition; biometrics; empirical analysis; Casia; Bulris