Abstract

Recognition refers to the problem of establishing a subject’s identity from a set of already known identities. Iris recognition system identifies a person from the database of iris images. Iris patterns form distinguishing characteristics for an individual. The potency of iris recognition lies in its textual information. Iris based security systems capture iris patterns of individuals and
match the patterns against the record in available databases. In this paper, wavelet decomposition is applied on iris patterns. The magnitude of coefficients aid in the generation of unique code for recognition. The recognition rate of 100% is achieved.

**Reference**

- Zhengmao Ye, Yongmao Ye, Hang Yin, Habib Mohamadian. 2009. Integration of Wavelet


**Index Terms**

Computer Science

Biometrics

**Key words**

Wavelet decomposition

unique code

magnitude of detailed coefficients

core and non-core segments