Abstract

Fingerprints are the most popular and studied biometrics features. Their stability and uniqueness make the fingerprint identification system extremely reliable and useful for security applications. Fingerprints are the oldest and most widely used form of biometric identification. Everyone is known to have unique, immutable fingerprints. This paper deals with the issue of selection of an optimal algorithm for fingerprint matching in order to design a system that matches required specifications in performance and accuracy. Two approaches have been discussed in this paper based on minutiae located in a fingerprint and based on gabor filter which is used to matching the fingerprint.

References

- Manvjeet Kaur, Mukhwinder Singh, Akshay Girdhar, and Parvinder S. Sandhu,

**Index Terms**

Computer Science  
Pattern Recognition

**Keywords**

Minutiae  Gabor  Arch  Ridge