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,
- An Efficient Multi Fingerprint Verification System Using Minutiae Extraction Technique
  Chandra Bhan Pal, Amit Kumar Singh, Nitin, Amrit Kumar Agrawal.

Index Terms

Computer Science
Pattern Recognition

Keywords
Minutiae Gabor Arch Ridge