Abstract

Automated Fingerprint Identification Systems (AFIS) is deployed in law authorization and fringe control applications. This has elevated the requirement for guaranteeing that these frameworks are not traded off. A few issues identified with fingerprint analysis frameworks security have been explored. This includes the utilization of fake fingerprints for disguising personality. The issues of fingerprint alteration or jumbling has gotten almost no consideration. Fingerprint Obfuscation alludes to the planned change of the fingerprint pattern of a single person with the goal of veiling his personality. A few instances of unique fingerprint Obfuscation have been reported so far. Finger print image quality assessment software cannot generally identify
adjusted fingerprints. This paper highlights the significance of the issue by analyzing altered fingerprints and proposes an effective algorithm for them.

References

Index Terms

Computer Science  
Security

Keywords
Fingerprints  Obfuscation  Alteration  Minutia