Integration of Elliptical Cryptography with RSA and Steganography using Biometric Authentication

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Abstract

Cryptography is a science of encrypting data to make it non readable and secure. But with time traditional cryptography is not that reliable because of multiple types of attacks on it. So, to make it effective it can be integrated with latest techniques available. Here in this paper a new mechanism has been proposed which integrates RSA and steganography with elliptical cryptographic technique along with biometric authentication as an addition security measure. This method provides good security with small key size too.

References

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Index Terms

Computer Science

Security
Keywords

Elliptic Curve Cryptography (ECC), Rivest Shamir Adleman (RSA), Biometric Encryption (BE).