Abstract

Now these days information are passing by internet. Hence the security of information has become a fundamental issue. Cryptography is the well-known technique to secure data over network. Steganography is the technique to hide the message in digital media. The elliptical curve cryptography is more secure than the existing cryptography models. This paper describes a proposed hybrid model using public key Elliptical Curve Cryptography (ECC) and Steganography. Which provide more security than a Single ECC or Steganography methods. The main aim of this project is to hide crucial information of internet users, military, different corporate sectors those which are frequently using public network for communication.
Secure Data Hiding using Elliptical Curve Cryptography and Steganography

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Index Terms

Computer Science Security

Keywords

Cryptography Steganography ECC RGB LSB CNOT gate and PSNR