Secure BMP Image Steganography Using Dual Security Model (I.D.E.A, image intensity and Bit Randomization) and Max-Bit Algorithm

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Abstract

A new BMP image based steganography algorithm is proposed based on image intensity, added extended encryption algorithm and a more superior insertion technique of encrypted data bit to increase data insertion level in a BMP image. Image size, clarity, noise is also taken care of in this algorithm.

Reference


Index Terms

Computer Science       Security

Key words

Algorithms       Hiding data behind image
Cryptography

Steganography

Max-Bit Algorithm