A Novel Approach to Digital Image Steganography of Key-Based Encrypted Text

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Abstract

Encryption is the method by which we can encode the intended piece of information in such a way that only the people whom we want to pass that information can understand its actual meaning. Digital Image Steganography the message is hidden in an image in such a way that the onlookers cannot even guess that it is not a normal image. Nowadays security is a vital issue while transmitting a message. So in this paper we have proposed a unique way of transmitting the message securely. First we have encrypted the message to an image which needs a secret key to be decrypted. Then we have hidden that image inside another image by steganographic approach. By thistwo level hiding we can ensure stronger security.