

Abstract Details

Title: Encryption Message Hide within the Image

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Abstract: The research presents a proposed algorithm to encrypt message and hide them inside the image file (cover) of the type JPG and send more subtle, and so by the message encrypted using several ways to encrypt and then hide the message in a manner to make the distance between the elements used in the hiding process is fixed, making it difficult predictability hide websites those letters within the image elements of the image analysis methods or by statistical analyzes. This method worked to encrypt and hide text messages without the case deformation to the original image or the possibility of note for changes which result hiding process, was retrieving those files easily without losing any of its components, as well as the retrieval process this place without the help of the original image or the need to create a table showing concealment sites.

Keywords: Steganography, Cover Image, LSBs, PSNR.