Abstract

Steganography is the most used technique for data hiding. We can implement it using any cover media like text, images, and videos. In this paper we devised a new algorithm to hide our text in any colored image of any size using wavelet transform. It improves the image quality and imperceptibility. Our method sustains the security attacks. Extensive testing is performed using different sizes of images and presented our results in payload and PSNR values.
- Wavelet Transform and Denoising:

**Index Terms**

Computer Science  
Security

**Keywords**

Steganography payload wavelet transforms stego image colored image blowfish