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Abstract

Security of data is very important in data communication. Everyday a lot of information is transferred from one user to another on internet and so the possibility of data theft also increases. Steganography provides a solution for the security of information during data transmission. Steganography is the science which makes the valuable information invisible to prevent it from unauthorized user. In this paper an audio message has been embedded in an image using the LSB (Least Significant Bit) technique and the wavelet transform. To hide a speech in an image is challenging as size of speech is larger than size of image. Number of bits in 1kb of speech is almost equal to an image. This paper describes how maximum speech can be embed in an image.

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Computer Science

Index Terms

Security

Keywords

Audio Steganography Image steganography LSB technique and wavelet transform.