Abstract

Steganography used for secure transmission of secret message. Message transmitted over the internet facing malicious attack. So, steganography is needed for secure transmission of secret message. There are two methods which are used for secure transmission. The first method cryptography, secret message which needs to be transmitted over the internet is encrypted using encryption key and sent over the communication channel and at the receiver side only right person with valid key can retrieve the secret message. The second method is steganography, in this method secret message hidden inside the cover media like image, audio, video etc. In this paper, we have presented video steganography using Zero Order Hold(ZOH) technique. Zero Order Hold is basically zooming method, it is used for image zooming. By applying ZOH method, secret information embedded in the cover video.

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**Index Terms**

Computer Science  
Security

**Keywords**

Video Steganography, Zero Order Hold, Peak Signal Noise Ratio, Mean Squared Error, Data Embedding.