International Journal of Computer Science and Engineering (IJCSE)
ISSN(P): 2278-9960; ISSN(E): 2278-9979
Vol. 3, Issue 1, Jan 2014, 63-72


International Academy of Science, Engineering and Technology
Connecting Researchers; Nurturing Innovations

# A NOVEL AUDIO STEGANOGRAPHY SCHEME USING DOUBLE DENSITY DUAL TREE COMPLEX WAVELET TRANSFORM SECURED WITH MODIFIED BLOW FISH ENCRYPTION

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## ABSTRACT

The word Steganography is an information trouncing method where secret message is embedded into unwary cover signal. Good quality steganography algorithms contain perceptual precision, payload or capacity and strength. Quality of steganography scheme can be measured using metrics such as PSNR, MSE. Within this paper, a novel high capacity audio Steganography algorithm based on double density dual tree complex wavelet transform with blowfish encryption has been proposed. Hence cryptography features has been incorporated within steganographic technique. Proposed technique overcomes the drawbacks of standard DWT and double density DWT and provides phase information.

**KEYWORDS:** Audio Steganography, Double Density Dual Tree Complex Wavelet Transform, Blow Fish Algorithm, High Capacity Steganography