Abstract

Covert communication by embedding a message or data file in a cover medium has been increasingly gaining importance in the all-encompassing field of information technology. Audio steganography is concerned with embedding information in a bland cover speech in a secure and robust manner. Communication, transmission security and robustness are essential for transmitting vital information to intended sources while denying access to unauthorized persons. By hiding the information using a cover or host audio, the information even exist is concealed during transmission. The proposed work provides high bit rate improved LSB audio watermarking method. The improved quality of watermarked audio is found to be better on implementation of the proposed algorithm than in the standard LSB method.
An Approach for Data Quality Improvement in Audio Steganography

References

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- S. S. Divya, M. Ram Mohan Reddy, Hiding Text In Audio using multiple LSB steganography and provide security using steganography.

Index Terms

Computer Science
Signal Processing

Keywords
Audio Steganography
Lsb
Rsa
Has