Abstract

Today’s internet community the secure data transfer is bounded due to its attack on data communication. Security of data can be achieved by implementing steganography techniques. All of the existing steganographic techniques use the digital multimedia files as a cover mediums to conceal secret data. Audio file use as a cover medium in steganography because of its larger size compare to other carrier’s file such as text, image. So there are more possibilities to hide large amount of data inside digital audio file. Signals and digital audio files make suitable mediums for steganography because of its high level of redundancy and high data transmission rate. This is not easy to hide data in real time communication audio signals.

In this paper we will survey the overall principles of hiding secret data in audio file using audio data hiding techniques, and deliver an overview of present techniques and functions and also discuss the advantages and disadvantages of different types of audio steganographic methods.

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Keywords

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