A Proposed Implementation Method of an Audio Steganography Technique

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Abstract— **Steganography is the art of science dealing with hiding secret data inside image, audio, video or text files. In audio steganography; secret message is embedded in the digital sound by slightly altering the binary sequence of the sound file. Existing audio steganography software deal with WAV, AU, and even MP3 sound files. Embedding secret messages in the digital sound is usually a more difficult process than embedding messages in other forms, such as digital images. Audio steganography uses different algorithms, but (LSB) least significant bit is applied in this paper. The quality of sound is depended on the size of the audio which the user selects and length of the message.**

Keyword— **Steganography, information hiding, least significant bit (LSB)**

BIOGRAPHIES

Mazhar B. Tayel was born in Alexandria, Egypt on Nov. 20th, 1939. He was graduated from Alexandria University Faculty of Engineering Electrical and Electronics department class 1963. He published many papers and books in electronics, biomedical, and measurements. Prof. Dr. Mazhar Basyouni Tayel had his B.Sc. with honor degree in 1963, and then he had his Ph.D. Electro-physics degree in 1970. He had this Prof. Degree of elect. And communication and Biomedical Engineering and systems in 1980. Now he is Emeritus Professor since 1999. From 1987 to 1991 he worked as a chairman, communication engineering section, EED BAU-Lebanon and from 1991 to 1995 he worked as Chairman, Communication Engineering Section, EED Alexandria. University, Alexandria Egypt, and from 1995 to 1996 he worked as a chairman, EED, Faculty of Engineering, BAU-Lebanon, and from 1996 to 1997 he worked as the dean, Faculty of Engineering, BAU - Lebanon, and from 1999 to 2009 he worked as a senior prof., Faculty of Engineering, Alexandria. University, Alexandria Egypt, finally from 2009 to now he worked as Emeritus Professor, Faculty of Engineering, Alexandria University, Alexandria Egypt. Prof. Dr. Tayel worked as a general consultant in many companies and factories also he is Member in supreme consul of Egypt. E.Prof. Mazhar Basyouni Tayel.

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