

Blind Digital Audio watermarking for Tamper Detection

Alireza Ghobadi*, A.Boroujerdizadeh*, A.H. Yaribakht*, Roozbeh Karimi*

** Advance Information School, University Technology Malaysia, Malaysia*

galireza3@live.utm.my, bali4@live.utm.my, hvamir2@live.utm.my, roozbeh83@gmail.com

Abstract— Recently, the attention of researchers has Audio because of the audio capability to hide data. There is some research to hide data in audio using watermarking technique. Some of them tried to use the watermark technique to protect the audio file of any tampering. The current research defined in this chapter issue by using cheap audio watermarking and preserves audio files from any tampering. It will discuss more on previous study on tamper detection. The method provides both embedding and extraction solutions.

Keyword— LSB, DCT, Audio watermarking, Tamper detection



Alireza Ghobadi I completed my B.S of Mathematic with Computer Science at Khaje-Nasir-Toosi University, Tehran (Iran), in 1997. Then, I worked in a few companies at the industry level (in the field of IT and semiconductors). Recently, I completed Bachelor of Information Technology (major: Information Systems Engineering) in 2007, First master in Master Of Computer Science (Under fund of Intel Company in Malaysia) in Multimedia university, and Second Master in University Technology Malaysia. Currently, I am doing PHD Of Computer Science and also I am working under a funded project dealing with file management and transmission. I am IEEE member since 2012.