

## Abstract

The fast growth of technology makes one can easily exchange digital data. Because of this the communication data became unsecure. Because of the effortless in the changing process, the data sent will not be save. To prevent the copyright abusement of those digital data, a method is needed. one of the methods is steganografi. Steganografi can be applied on many digital data. In this final project, it will be implemented audio steganografi in wav format using spread spectrum method based on wavelet, which text hiding as pesan tersembunyi will be spread into copyrighted audio data.

From the experiment, it shows that the quality of audio from the steganography is effected by the length of the text, and scale factor used. The DT-CWT transform is better than DWT in SNR value. But, the experiment on signal processing shows that audio from the steganography process, relatively, does not robust against signal processing processes such as resampling, compressing, and filtering. But it will robust with noising because of the high value of BER.

**Keywords:** *Steganografi, Spread Spectrum, DT-CWT, Wav*