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SURVEY ARTICLE

Literature Survey on DWT Based Image Steganography

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Abstract- Steganography is the science of secure communication which has received much attention from the scientific community recently. The four main objectives of steganography are: Indefectibility, Security, embedding payload, and Robustness. However, steganography can protect data by hiding it in a cover object but using it alone may not guarantee total security. Thus, the use of encryption in steganography can lead to ‘security in depth’. It is the science of embedding information into the cover image viz., text, video, and image (payload) without causing statistically significant changes to the cover image. The advanced secure image steganography presents a challenging task of transferring the embedded information to the destination without being detected. This paper provides a state-of-the-art review and analysis of the different existing methods of steganography along with some common standards and guidelines drawn from the literature.

Full Text: <http://www.ijcsmc.com/docs/papers/February2014/V3I2201450.pdf>