

A Novel Approach of Secret Communication Using Douglas-Peucker Algorithm

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Abstract : Steganography is the problem of hiding secret messages in 'innocent - looking' public communication so that the presence of the secret message cannot be detected. This paper introduces a steganographic security in terms of computational in-distinguishability from a channel of probability distributions on cover messages. This method first splits the cover image into two separate blocks using Douglas - Peucker algorithm. The text message and the image will be hid in the Least Significant Bit (LSB) of the cover image.

Keywords : steganography, lsb, embedding, Douglas-Peucker algorithm

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