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RESEARCH ARTICLE

Modeling of Image Compression and Decompression using Huffman Code Technique

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Abstract

Image compression is a technology in the field of digital image processing. It is a process of reducing the size of image at the time of storing on the disk and transmitting the image from one place to other place. Now a days whole world adopt the online system for carry out any official or academic work for sending or receiving textual or image data. Therefore for fast speed transmitting, image should have smaller size. Different techniques are available for reducing the size of image. In this paper I discussed on coding redundancy method for lossless type of compression of images, in which it choose a less number of bits for frequently occurring data at the time of compression. I gave here compression technique model and also gave the algorithm for compression of an image which will easy for the programmer for coding or writing program for compression.

Keywords- Lossless; coding redundancy method; compression.

Full Text: <http://www.ijcsmc.com/docs/papers/December2013/V2I12201349.pdf>