Abstract

Image Compression generally refers to reducing the size of an image for the purpose of minimizing storage space as well as reducing the transfer time when transmitted over the network. Compression is very useful in medical imaging as a large quantity of storage is needed for storing medical images which can further be delivered for diagnosis. An appropriate technique for compression is needed for saving storage capacity as well as network bandwidth. It is also necessary that the valuable information should not be lost after compression of an image. In this paper various techniques of lossless image compression for medical images have been reviewed. The evaluation of performance is based on the parameter compression ratio.

References


image compression”, IEEE International Conference on Optimization Reliability and Information Technology (ICROIT), pp. 405-408, 2014.


Index Terms

Computer Science

Image Processing

Keywords

Lossless compression; medical images; compression ratio