Abstract

A digital discrete signal corresponds to a specific pointer is termed as bitplane image which represents position of bit in binary number. The lossless image compression is a combination of bitplane slicing and adaptive coding. This paper will discuss adaptive lossless image compression using bitplane slicing technique and derived the compression ratio.
Segmentation and Reassembly of Images using Biplane Slicing in Adaptive Lossless Dictionary based Compression

- J. Arz and J. Fischer, &quot;LZ-Compressed string dictionaries&quot;, CORR 2013.

Index Terms

Computer Science

Image Processing

Keywords

Image Compression  Adaptive Compression  Bit Plane Slicing  Compression Ratio