Abstract

A digital discrete signal corresponding 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

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Index Terms

- Computer Science
- Image Processing

Keywords

- Image Compression
- Adaptive Compression
- Bit Plane Slicing
- Compression Ratio