Abstract

The large usage of multimedia applications on internet and mobiles has increased the demand of compressed data, in order to reduce the requirement of bandwidth and time to transfer the data. So block based method for video compression is getting more importance due to its effectiveness and easy implementation. Fractal video compression follows the property of self-similarity. That's the biggest reason for high compression ratio and also attracts more researchers to work for fractal compression. In block matching motion estimation various algorithm has been proposed having different search pattern and strategies. As the search pattern gives large impact on efficiency of the algorithm. The paper presents an efficient method on fractal video compression, which follows half-way stop technique.
A Novel Search Method for Fractal Video Compression using Block Matching Motion Estimation

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Index Terms
Keywords

Bin-tree Partitioning  Fractal Video Compression  Inter-pixel Similarity  Intra-pixel Similarity  Quad-tree Partitioning

Weighted Finite Automata