Kompresi gambar dengan metode Fractal Quadtree Partitioning

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Abstrak

<i>This paper discuss fractal application on image compression using the method cf quadtree partitioning as a determiner of the best domain-range. In order to study further on this matter, simulation is done with some parameters, i.e a variety of tolerance, quadtree partitioning level and number of iteration.

Analysis is done toward performance (PSNR and compression ratio) of each parameters. From the analysis can be determined some levels of quadtree partitioning tolerance and number of iteration use to produced a good image in the decompression process.</i>