Abstract

Content-based image retrieval has become one of the most active research areas in the past few years. In this paper various methodologies used in the research area of Content-Based Image Retrieval methods using Soft Computing techniques are discussed. The comparison and analysis of various soft computing techniques like Fuzzy Logic (FL), Artificial Neural Network (ANN), Genetic Algorithm (GA) and Neuro-Fuzzy are performed. Soft Computing techniques are incorporated into Content-based image retrieval for obtaining more precise results. This is an open research area for the researchers in the field of Content-based image retrieval. This paper covers various Soft Computing techniques for Content Based Image Retrieval Systems (CBIR), the parameters used for experimental evaluation of the systems and the analysis of these techniques on the basis of their results.

References

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**Index Terms**

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