Abstract

In fields such as medical, art galleries, museums, archaeology, medical imaging, trademark databases, criminal investigations, images especially the digital images grow in quantities of thousands and sometimes even lakhs every year. Content based image retrieval is required from such large databases. This paper compares Statistical Parameters based CBIR techniques based on the performance evaluation parameters namely, precision, recall, LIRS and LSRR. Minkowski Distance is used for the purpose of similarity measure.

References

- H. B. Kekre, Sudeep D. Thepade, "Image Retrieval using Augmented Block..."
Comparison of Various Feature Extraction Techniques in CBIR using Statistical Parameters


Index Terms
Keywords
Content Based Image Retrieval (CBIR); Standard Deviation (SD); Precision; Recall; Length of Initial Relevant String of images (LIRS); Length of String required to Recover Relevant Images (LSRR); Minkowski Distance (MD) Feature Vector (FV).