

Paper_review :

A Comparative Evaluation of Feature Extraction and Similarity Measurement Methods for Content-based Image Retrieval

• Abstract:

- A feature vector is created after color and/or texture and/or shape features extraction. Then similar images are retrieved using different similarity measures.
- color moment and wavelet packet entropy features are most effective whereas color autocorrelogram, wavelet moment, and invariant moment features show narrow result.

• Materials and Methods:

- For content based Image retrieval, we first extract the image feature using various feature extraction methods and then similar image are retrieved using various similarity measurement methods

• Conclusion

- Experimental results show that the best accuracy is found for color moment and wavelet packet entropy feature for the standardized L2 measure.



