Genetic Candidate Group Search Approach for Post Clustering Content based Image Retrieval

International Journal of Computer Applications
Foundation of Computer Science (FCS), NY, USA

Volume 132
Number 16

Year of Publication: 2015

Authors:
Manasee Kurkure, Anuradha Thakare, Santvana Gudadhe

10.5120/ijca2015907677

Abstract

Large amounts of databases are created daily in data storage Due to this it becomes very difficult to retrieve the images require for applications in various fields. Thus Content Based Image Retrieval Techniques play an important character in image processing. Here we will be using various masking methods to find out different features and apply different clustering algorithms. In this paper, we are proposing a hybrid model which is the combination of Genetic and Candidate Group Search algorithm. This gives us the best results in some aspects and find it suitable in point of time and accuracy. Candidate Group search Genetic Algorithm is employed to facilitate the users retrieve the images that are most relevant to the users demand.

References

Genetic Candidate Group Search Approach for Post Clustering Content based Image Retrieval


Index Terms

Computer Science

Image Processing

Keywords

Content based Image Retrieval, clustering, Feature Extraction, Genetic Algorithm, Candidate Group search algorithm.