

A CONTENT BASED IMAGE RETRIEVAL USING STATISTICAL TECHNIQUE

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ABSTRACT

Content Based Image Retrieval system is a system in which the retrieval is based on the content and associated information of the image. This unit of information is basically a numerical value and hard to interpret in terms of human understanding. Therefore, there is an urgent need to remove the barriers to have a streamlined retrieval system which works for humans and with humans. The main elements on which performance of any CBIR system depends are the semantic, sensory gaps and above all the treasure of knowledge it provides, which validated technical and scientific information like the shape is of leafs. In this paper we have developed a system that works and that focuses on this specific domain in biodiversity.

KEYWORDS: CBIR, Color, Texture, Shape, Feature Extraction, Matching, Recall, Precision