

Visual and Textual Content Based Indexing and Retrieval

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This paper presented a visual and textual content-based retrieval system that enabled users to formulate their queries either by supplying example images, or by specifying a combination of textual and visual features such as colors, textures, shapes, and spatial constraints. In order to provide a powerful textual and visual retrieval of image features, the knowledge is represented structurally at different levels of semantics by the concept hierarchy and can be automatically generated from user queries.

Therefore, this research work is generic and independent of a specific application domain and there is no need to reconsider all the whole system when it is applied in a specific application field.