Abstract

Using some transformation on original images, images can be modified which forms near
duplicate images. Using the size and length of image, image represented and the length is
variable with number of patches in the image. Spatially adjacent and similar pixels are used to
form clusters. Patch means a form of clusters. Image representation and image similarity
measurement are two major issues in image matching. The proposed method extracts patches
from given image and represents by variable length signature. In the detection of duplicate
natural images the signatures are use. Then take a decision for images are duplicates or not.
The retrieval of near duplicate images means a query image and datasets are given then the
near duplicate images are retrieving. Similarity is computed between two images, which can
be done on variable length signature to improve the effectiveness.
References


Index Terms

Computer Science

Image Processing

Keywords

Image Retrieval Near Duplicate Image Similarity Matching Variable Length Signature.