Abstract

A video copy detection system is an emerging research area that has received a considerable amount of attention in recent years. The main goal of content based video copy detection system is to find whether a query video is copied from video in a video database or not. This paper uses strengths of TIRI-DCT algorithm, content based features for finger-print generation of a particular video, and two fast search methods for efficient match of finger-prints within a large database. The contribution of this paper include, extracting compact content-based signatures from TIRI image constructed from the video. To detect query video is pirated video or not, the finger-prints of all the videos in the database are extracted and stored in advance. The search algorithm searches the stored fingerprints to find close enough matches for the finger-prints of the query video. The proposed system can be used for video indexing and copyright applications.
References


Index Terms
Keywords
Content Based Finger-printing  Multimedia Duplicate Detection  Multimedia Finger-printing
Video Copy Detection
Video Copy Retrieval