Abstract

Now days there are tremendous amount of videos available on internet. Entertainment video, news video, sports video are accessed by users to fulfill their different needs. Our daily routine systems are also producing huge amount of videos for example surveillance system, shopping malls, home videos etc. These videos need to be accessed for different purposes. Current research topics on video includes video abstraction or summarization, video classification, video annotation, content based video retrieval. In nearly all these application one needs to identify shots and key frames in video which will correctly and briefly indicate the contents of video. This paper compares some of the popular shot boundary detection techniques in uncompressed domain. The merits and demerits of each of the techniques are also discussed. Some experiment done are also discussed.

References

Analysis of Popular Video Shot Boundary Detection Techniques in Uncompressed Domain

- Pascal Kelm, Sebastian Schmiedeke, and Thomas Sikora, "Feature-Based Video Key Frame Extraction For Low Quality Video Sequences", WIAMIS 2009.

Index Terms

Computer Science  Image Processing
Keywords
   shot detection  cut; pixel based  block based  histogram based techniques