Abstract

Video summarization methods tries to capture main parts, scenes and objects from specified video to have better video analysis. Two main goals of video summarization are deletion of redundant frames and extracting key frames from video. Video summarization can use different statistical measures such as mean, kurtosis and skewness for comparing each frame with next frame to calculate key frame. Key frames are crucial frames in the video. There are different methods to extract key frames from video and some of them are compared in this paper. The frame which satisfies threshold value will be considered as key frame and such key frames will then combined to form short summary.

References

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**Index Terms**

Computer Science  
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**Keywords**

Video Summarization, Key Frame, Mean, Variance