عنوان مقاله:

Provide an Effective Method in Shot Boundary Detection

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خلاصه مقاله:

In this paper, a novel method for shot boundary detection has been proposed by calculating the fractal dimension of frames. Summarization of the video is the first step in automatic video analysis and shot boundary detection is most important step in video summarization. In this paper, we use the support vector machine (SVM) and the decision - tree to identify the shot boundary and classify them. In order to compute the fractal dimension, the numerical method has been expressed. The results of this implementation were also reported on TRECVID ۲۰۰۶ data collection. The results show that the relative advantage of the method presented in this paper is compared to other articles.

کلمات کلیدی:

Video summarization, Shot boundary detection, Key frame extraction, Support Vector Machine