VIDEO SUMMARIZATION FOR LARGE SPORTS VIDEO ARCHIVES (WedPmPO1)

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**Abstract:**
Video summarization is defined as creating a shorter video clip or a video poster which includes all but only the important scenes in original video streams. In this paper, we propose two methods of generating a summary of arbitrary length for large sports video archives. One is to create a concise video clip by temporally compressing the amount of the video data. The other is to provide a video poster by spatially presenting the image keyframes which together represent the whole video content. Our methods deal with the metadata to have semantic description of video contents. Summaries are created according to the significance of each video segment which is normalized in order to handle large sports video archives. We experimentally verified the effectiveness of our methods by comparing the results with man–made video summaries.