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KEY FRAME EXTRACTION METHODOLOGY FOR VIDEO ANNOTATION

Khushboo Khurana [1] M. B. Chandak [2]

[1] M.Tech Scholar, CSE Department, Shri Ramdeobaba College of Engineering and Management, Nagpur, Maharashtra, India.
[2] Associate Professor and Head, CSE Department, Shri Ramdeobaba College of Engineering and Management, Nagpur, Maharashtra, India.

Abstract

Recent advances in technology have made tremendous amount of multimedia content available. The amount of video content is increasing, due to which the systems that improve the access to the video is needed. This can be done by annotation of video, which facilitate the faster access to the videos. The first step towards the video annotation is the extraction of key frames. Instead of analysing all the frames in the video, only the frames which contain important information of the video can be used for further processing. In this paper, key frame extraction method is discussed which assist the video annotation process. The key frames are found by computing the edge difference between the consecutive frames and those frames exceeding the threshold are considered as key frames.

Author Keywords

Key frame extraction, edge difference, video annotation

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