Abstract

When a video is displayed on a smaller screen than originally intended, some of the information in the video is necessarily lost. In this paper, we introduce Video Retargeting that adapts video to better suit the target display, minimizing the important information lost. We can remove uninteresting part from video like image with some important modifications to retarget it using seam carving. Instead of removing seam from individual frames we extract seam-surface from the space-time volume. To calculate this surface we use seam carving in association with motion projection with lesser algorithmic complexity.

References


**Index Terms**

Computer Science  Multimedia

**Keywords**

Dynamic programming  Seam surface  video-frames.