

## عنوان مقاله:

Contour-Based Video Inpainting

## محل انتشار:

هفتمین کنفرانس ماشین بینایی و پردازش تصویر ایران (سال: 1390)

تعداد صفحات اصل مقاله: 5

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## خلاصه مقاله:

Inpainting is the technique that restores corrupted or partially damaged images and video frames. This paper proposes an algorithm for video inpainting when an object is totally damaged. In this framework the background and the moving object are separated from each other. By using these separated moving objects, a large mosaic image is constructed. Then a patch-based method with the help of a contour-based method and large patches fills the holes. By settling the objects on their places in each frame, the inpainted foreground is acquired. Missing regions of the stationary background are filled separately. Superimposing the inpainted foreground and the stationary background produces the inpainted video.

## کلمات کلیدی:

Video inpainting; contour; patch; background modelling; image completion

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/159133>

