

Day 17 of Computer Vision

Image Inpainting with OpenCV

What is Image Inpainting?

Image inpainting is a class of algorithms in computer vision where the objective is to fill regions inside an image or a video.

The region is identified using a binary mask, and the filling is usually done by propagating information from the boundary of the region that needs to be filled.

The most common application of image inpainting is restoration of old scanned photos. It is also used for removing small unwanted objects in an image.

Inpainting Algorithms

INPAINT_NS : Navier-Stokes based Inpainting

INPAINT_TELEA : Fast Marching Method based

Difference

As per the theory and the papers, Navier-Stokes based inpainting is supposed to be slower and has a tendency to produce results that are blurrier than the Fast Marching based method.

Thank's