

## Abstract

In the digital image, unwelcome presence of objects is often found. The objects are not desirable because they are related to the existence or appearance-related privacy issues. One of the examples includes Google Street View for imagery taken in public places and disseminated to the public. Therefore, a tool to remove a certain objects from the images is necessary.

Various studies have been conducted related to object deletion [1]. A method with the exemplar-based inpainting and construction structures have been introduced recently [3]. Image structure is obtained by Laplacian filtering. Structure information is used in determining the order of the filling and exemplar search.

Some testing was done to see the effectiveness of the method and the influence of several parameters. In general, the proposed inpainting method produces good quality and condition of the size of the target area is not complex. This is evidenced by the survey results stated that this method is good at 85.3% and is backed by the value of the average PSNR resulting from some sample images of 25.72 dB. Inpainting quality is determined by the size of the exemplar, and the size of the target area.

**Keywords:***inpainting, exemplar-based*