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Palimpsests inpainting with Generative AI

A palimpsest is a manuscript page that has been scraped or washed off in preparation for reuse, in the form of another document. When working with palimpsest manuscripts, even with the employment of Multispectral Imaging (MSI), the under-text often remains challenging to read. In some cases, it might not be readable at all. This difficulty arises due to various factors, including parts of the under-text covered by the over-text and other visual elements. However, addressing these challenges opens the door to innovative solutions, one of which is the technique of inpainting using generative AI approaches to restore the lost parts of handwriting from the undertext of palimpsest manuscripts.

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Keywords

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