

Rapport de Conduite de Projet

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PER Inpainting



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1 Introduction

We chose to study Image Inpainting for our "Projet d'Etudes et de Recherche" (PER). This subject was given to us by Aurélie Bugeau and was centered around the article "Statistics of Patch Offsets for Image Completion". It was written by Kaiming He and Jian Sun, two Microsoft researchers.

1.1 Definition

1.2 Applications

1.3 Problems

2 State of the Art

2.1 Methods

2.1.1 Diffusion based

2.1.2 Exemplar based

3 Implementation Work : Statistic of Patch Offsets

4 Conclusion