Skoltech

Numerical Linear Algebra
Final Project

«Project name»

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1 Team

2 Background

One fundamental problem of computer vision is to recognize certain features or images in scenes. In this project our team focused on problem of recognizing and extracting regular patterns on planar surface. These patterns also can be described as "Low-Ranked matrices". Camera can deform image low-rank image by some affine or projective, so the problem is to find this tranformation, and recover low-rank structure.

3 Problem formulation

The problem is

4 Data

5 Related work

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