

Image analysis - Lab 3

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3.1

Since we have 6 degrees of freedom in the equation we need to estimate 6 variables. I.e we need 6 equations to solve it exactly. So minimally one would then need 3 point correspondences to estimate an affine transformation.

3.2

Yes, once you start thinking in pixel coordinates and not conventional cartesian coordinates it makes sense.

3.14

I don't really see any appreciable improvement. My implementation performs somewhat poorly I think since it is uncommon to get the right answer with just one try of the outlier threshold. I am unsure if I have implemented it incorrectly or if really is so hard to tune as I find it.