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Environment: MacOS, Windows 10

Software: Matlab 2016b

Copy all files to the work path of Matlab

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Part1

Run .m in Matlab

Get all necessary value in workspace

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Part2

Run undistortion.m in matlab and get three undistortion images.

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Part3

Run part3\_1.m and select points.

Run part3\_2.m get F and E.

Run ComputeFundamentalMatrixExample.m

Run ComputeFundamentalMatrixExample1.m

Run ComputeFundamentalMatrixExample2.m

to get three epipolar lines

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Part4

Run part4.m in Matlab and get translation and rotate matrix.

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Part6

Run part6\_1.m and part6\_2.m to get distance maps.