Report Lab expierience 8
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Experience Gained

In this lab I understand how to :

- Use **cv::findChessboardCornersFunction()** and **cv::cornerSubPix()**

- Use **cv::calibrateCamera()** to calibrate a camera

- Use **cv::projectPoints()**

- Use **cv::initUndistortRectifyMap()**

- Moreover, I also understand how to compute the mean reprojection error which is computed with the following formula : $\frac{1}{n}\sum_{i=1}^{n} d(x_i, x_i^{'})$ where x_i is a projected point while $x_i^{'}$ is a measured point. Moreover, d is the euclidian distance i.e. distance computed with L2 norm.

Unexpected Issues

The main difficulties of this Lab were :

- Understand what **cv::initUndistortRectifyMap()** parameters I need to provide in order to make such function working correctly.

Results

In this section we talk about the experimental results