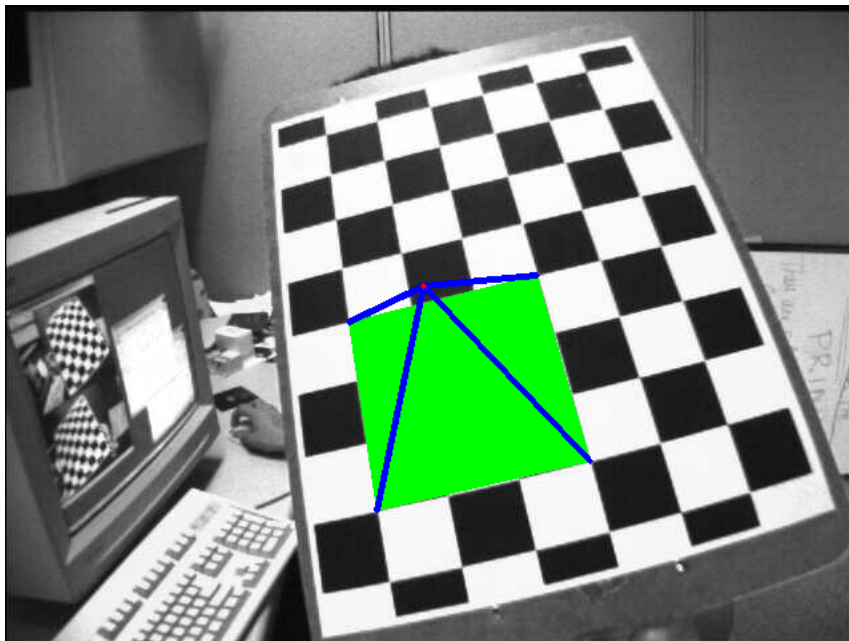
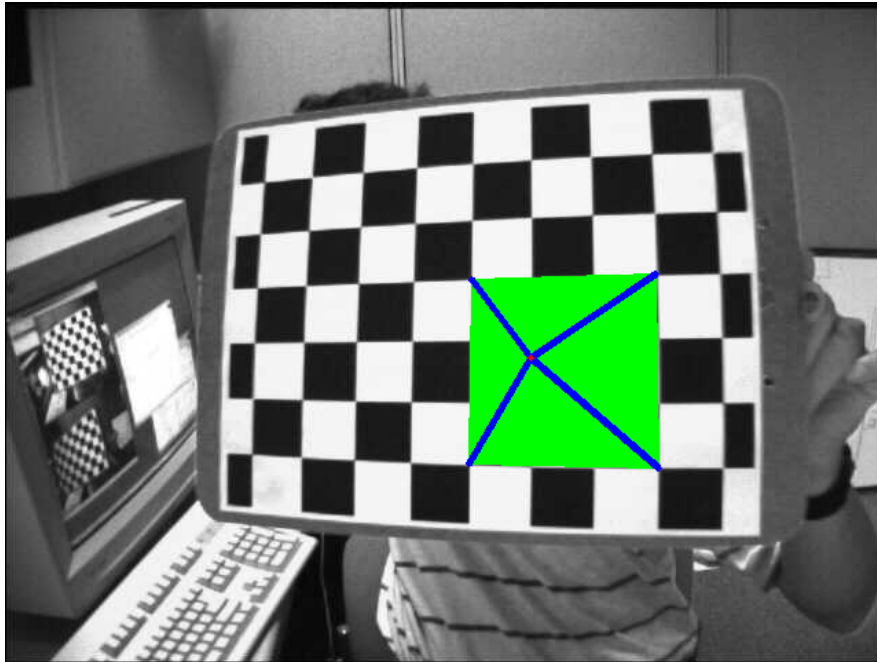


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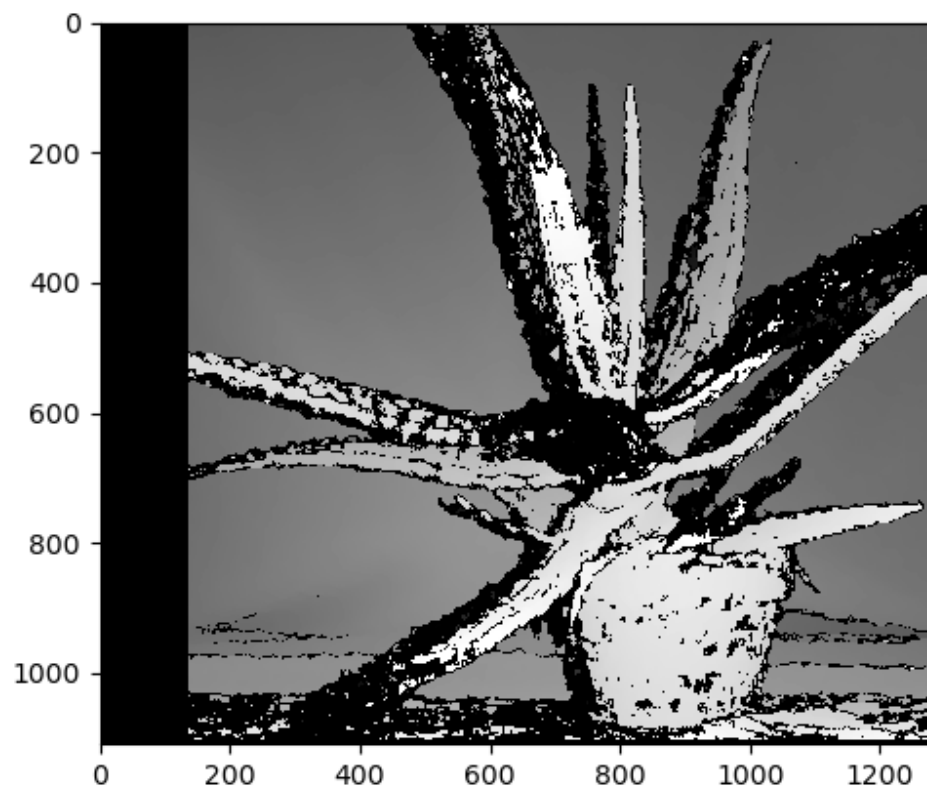
## PART 1

Here in this part I make a pyramid that has a square base pyramid and the results are shown below.



## PART 2 :

Depth map after performing the tutorial

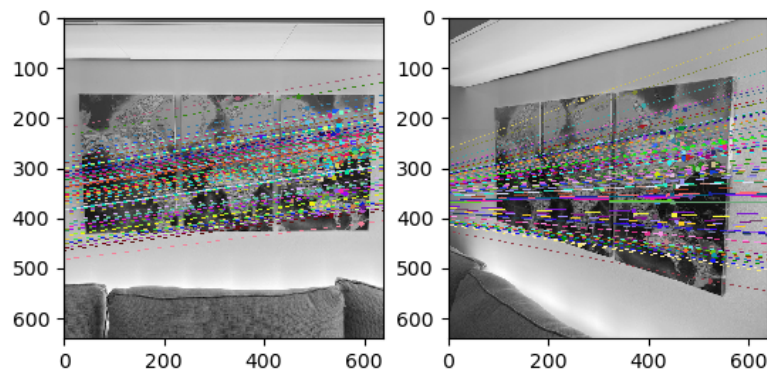
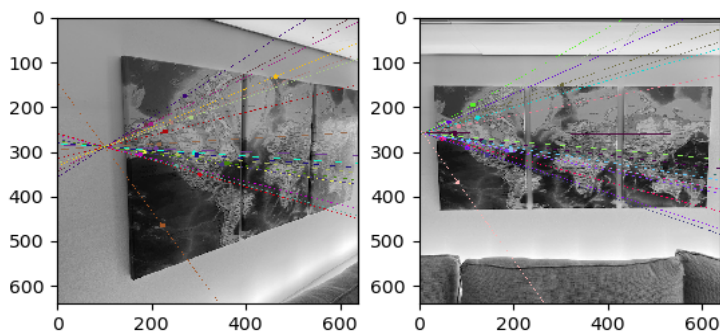


For Part 3:

I did it in two ways were first using the sift feature (epipolar\_geometry\_exp1.py) where I can see that the images on the left are correct but on the right do not show the epipole correctly.

**In the sense the Epipolar line intersect at epipole and that is the camera center of the other camera.**

Where the images cleared depict that in right part but the left doesnot show correctly .



I also tried a lot of variant like surf and other flavours for the fundamental matrix estimation but nothing seemed to work.

In the second experiment (epipolar\_geometry.py) I selected the features using the mouse control and then select 8 points and calculate the fundamental matrix and the results are decent.

