

Computer vision course

Lab 7 - Image stitching

Pietrobon Andrea

27 maggio 2023

1 | Task 1

The execution of this task was quite challenging, requiring special attention in managing the overlap of images and keypoints on numerous different vectors to create a panoramic image. Additionally, I encountered some difficulties in using the `cylindricalProj()` function, which often generated errors without an apparent cause. However, after a few days of working on the code, I managed to get it to work correctly. To resolve the issues with the includes, I opted to use the ORB algorithm instead of SIFT. Below, you can see the results obtained thanks to the output images.



Figura 1.1 First image



Figura 1.2 Second image

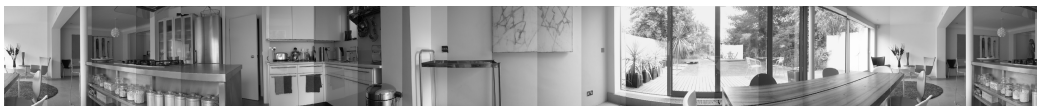


Figura 1.3 Third image



Figura 1.4 Fourth image



Figura 1.5 Fifth image