1. **There are no " IMG\_3751\_crop " in the folder that I received. How did you crop the image for testing?**

I have only cut out the upper section of the image IMG\_3751 for possible further processing in Irfan View. What exactly I did with it I don't know anymore. In this section of the code it is only about reading in an image, which you take there is relatively unimportant.

1. **Why did you use JPG image format? There are also PNG image format in Bilder directory.**

It shouldn't matter, I got some of the images from Cigdem and some were in JPG and some in PNG. I wanted to unify everything and chose JPG, but this has no specific reason, you should also be able to read PNG images.

1. **Which data should be entered in Passpunkte files(\_mp.txt and \_fp.txt)**

Here the points for the rectification of the image are read in, once as pixel coordinates and once in a rectified coordinate system. This step is only needed if the image must also be rectified (see IMG\_20191015\_181243).

1. **Please explain about Imagepoints and controlpoints**

Siehe Frage 3.

1. **Why did you create binary2.py? Cigdem told me it was on progress. Can you explain about what is the point of binary2.py?**

In binary2 it is about filtering the data of the image in such a way that only the black colored pixels remain and the rest is colored white. Finally you get a monochrome image with only two color states. However, since images are not always taken under the same circumstances, the parameters may have to be adjusted accordingly.

       6.  **What is the functions in neightbors.py?**

To find out for each black pixel which neighboring pixels are also colored black. I worked there with N8 to be able to recognize the possible wall pixels in all directions.

       7. **From the filtering process, I cannot find any other explanation. Can you explain what is the purpose of filtering?**

More lines are created than there are walls, so filtering is necessary. In addition, only the outer wall lines are important for you, but if two wall lines are next to each other, countless small lines are drawn between them, this increases the data size of the final file and these must also be filtered out.