Fundamentals of Robot Vision

Weekly exercise #5

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2)

a)

The main parts of the program are:

- Face detection and localization
- Gathering of the trackable points
- Optical flow calculation
- Valid trackable points obtained after filtering
- Printing circles in such points on the streamed image
- Valid point retrieval for next iteration (next frame in the streaming)

b)

Some of the points are detected of the face and then such ones will track that pixel despite is not part of any face. A solution for this could be either minimizing the window size of the optical flow calculator or getting farther away the faces from the camera.