Van Mai Nguyen Thi
SProj weekly report
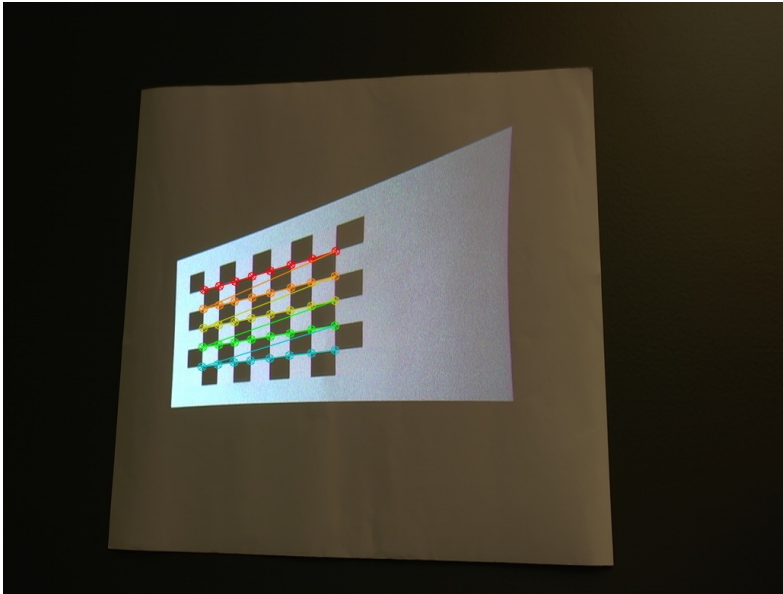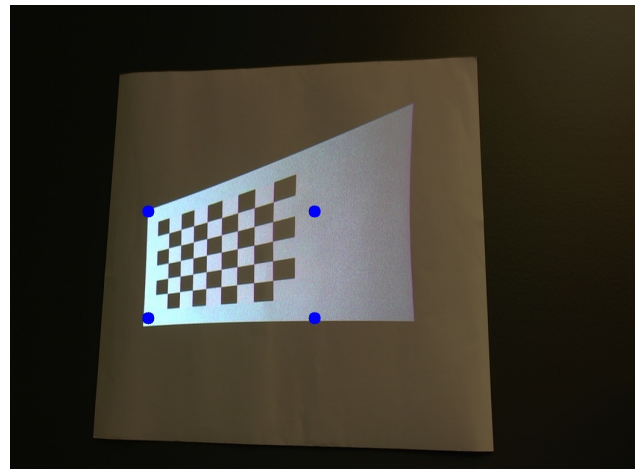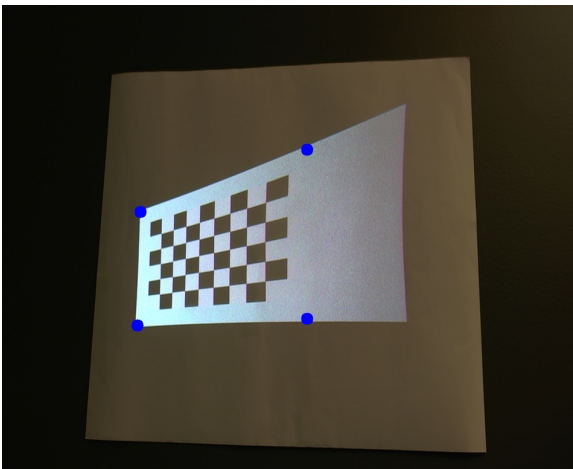Week 15: Jan 30, 2015

What I did during the winter intersession:
- Clean up code
- Chessboard detection $\rightarrow H_{PC}$
- Get both H_{PC} and H_{SC} to work
- Automatically resize and re-position the image before warping so that it lands within the projection
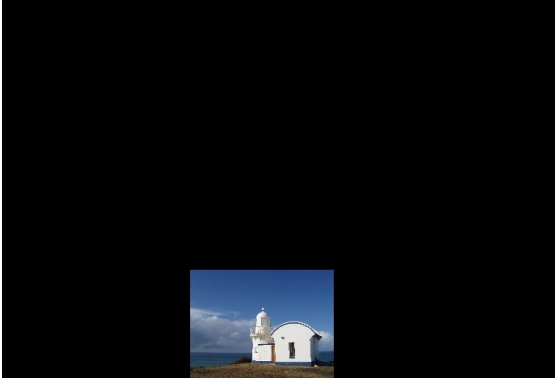

Chessboard detection:

Auto-fitting the image prior to warping

- Get corners of the boundaries of the projection:

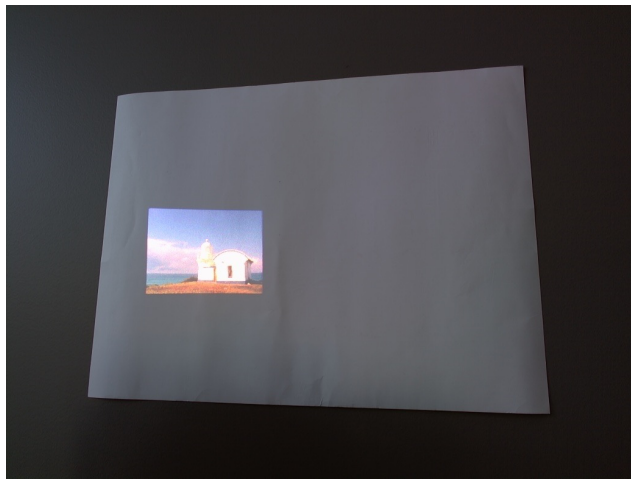- Max. rectangle that fits inside the projection:

- pre_anamorph:

- anamorph (warped image):

- check_anamorph (camera view when anamorph is projected):

TODO: Multi-viewer problem (2 viewers)

- Method 1: average the homographies
- Method 2: calculate "error" for each viewer and have the program decide what homography minimizes that error (sum of error^2)