

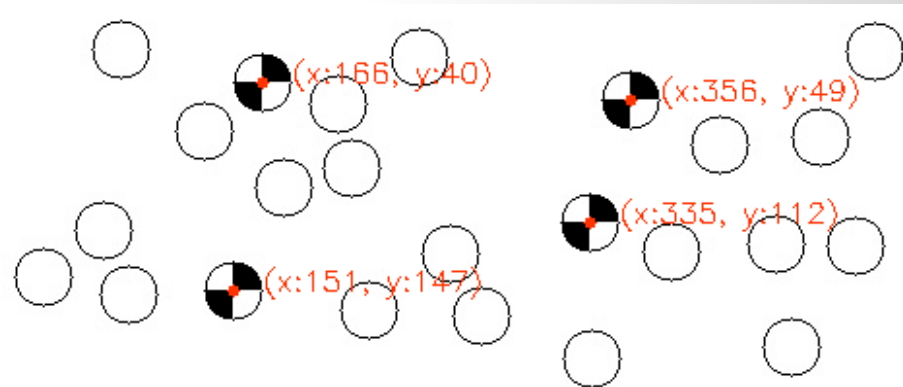
Computer Vision

Fall 2018

Problem Set #3

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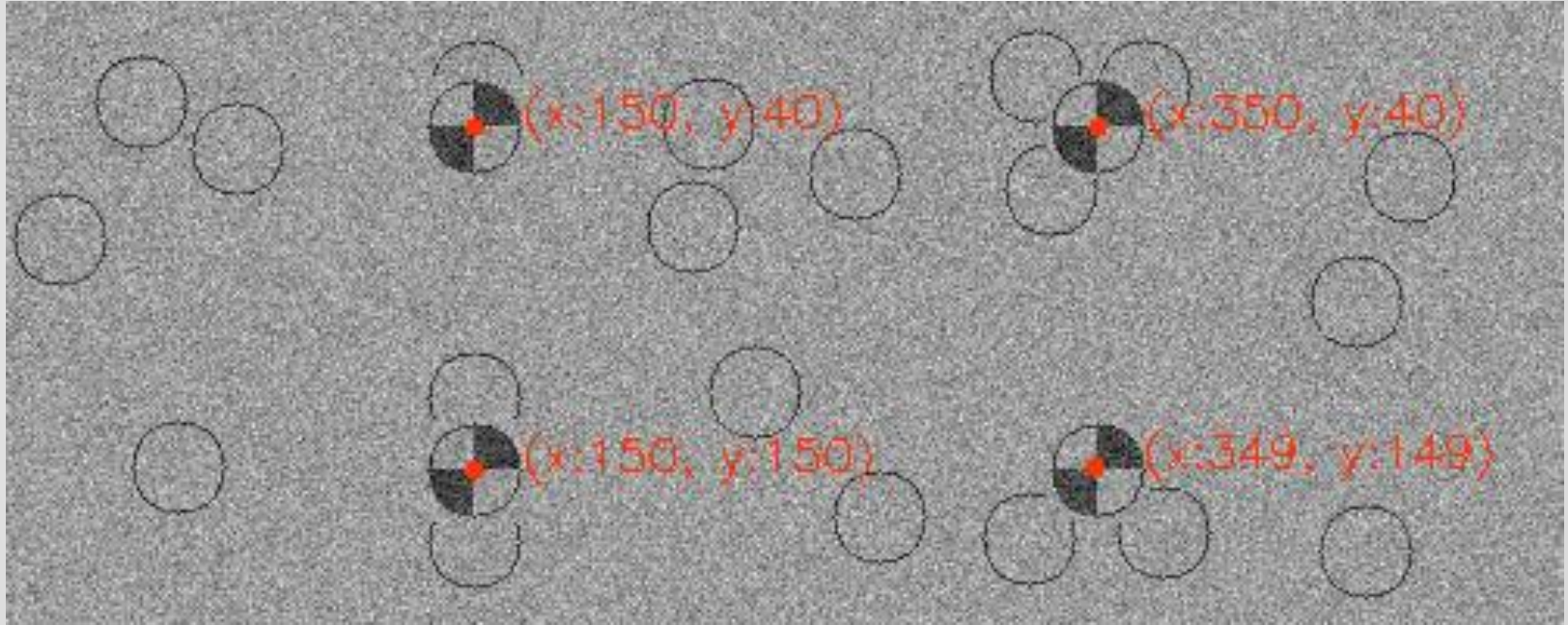
1: Marker detection



ps3-1-a-1.png

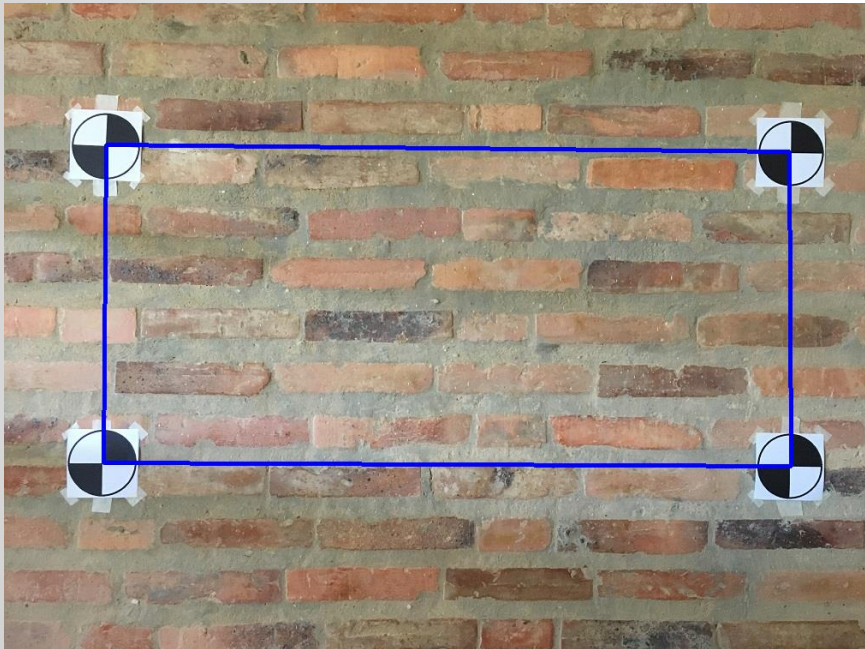
ps3-1-a-2.png

1: Marker detection (cont.)



ps3-1-a-3.png

2: Marker detection (wall scene)

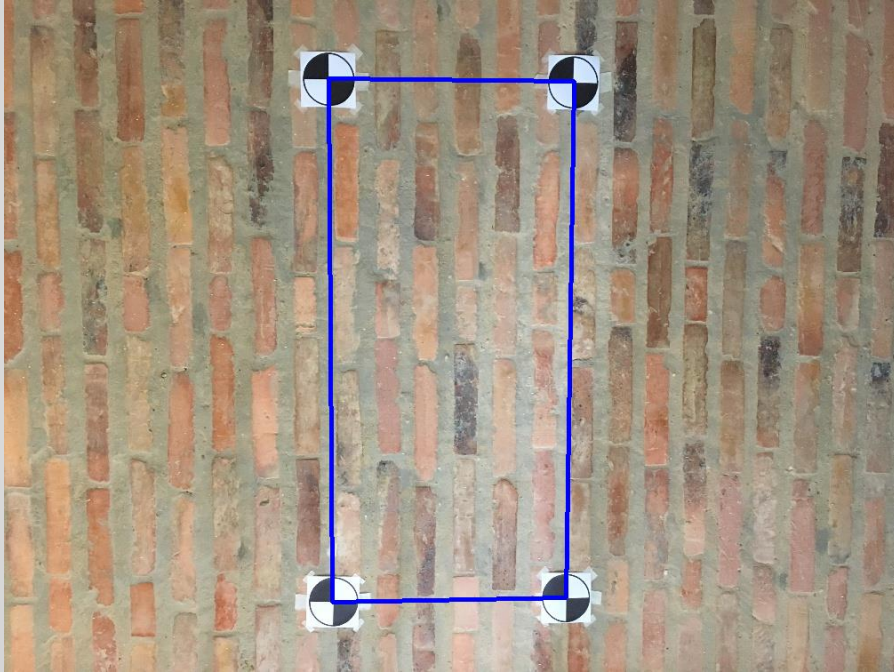


ps3-2-a-1.png

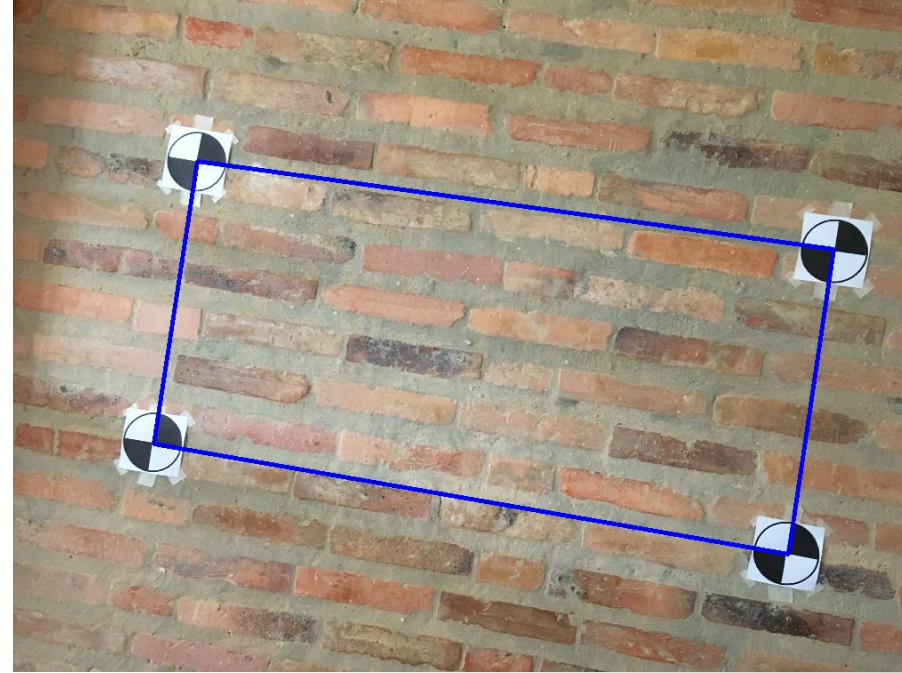


ps3-2-a-2.png

2: Marker detection (wall scene)

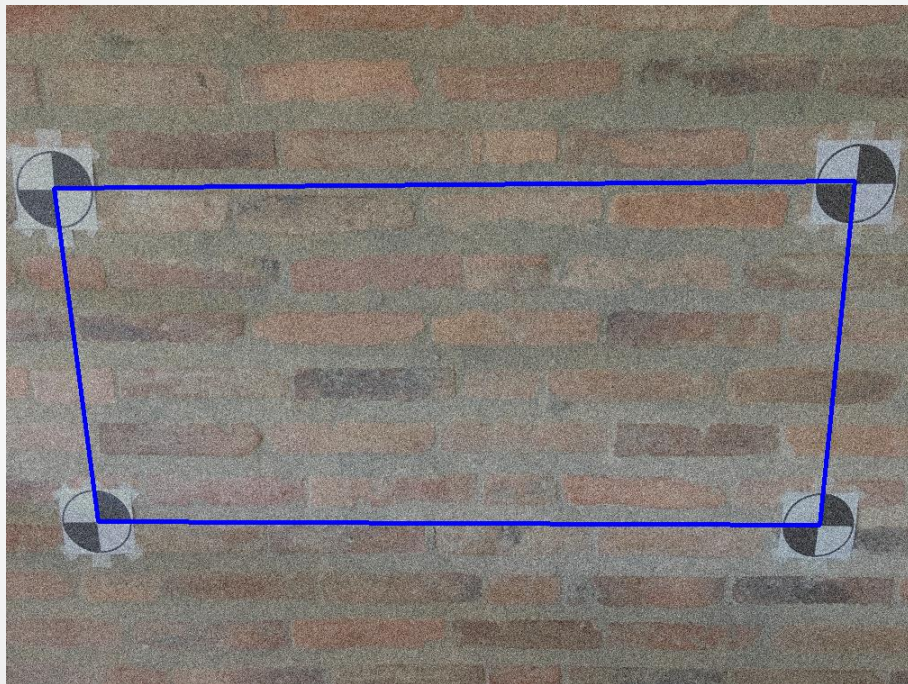


ps3-2-a-3.png



ps3-2-a-4.png

2: Marker detection (wall scene)



ps3-2-a-5.png

3: Projective Geometry



ps3-3-a-1.png



ps3-3-a-2.png

3: Projective Geometry (cont.)



ps3-3-a-3.png

4: Markers in Video



ps3-4-a-1.png



ps3-4-a-2.png

4: Markers in Video (cont.)



Youtube / Dropbox / etc. link:

https://www.dropbox.com/s/hlfg1wf71gaq4hi/ar_4-a-ps3-4-a.mp4.avi?dl=0

ps3-4-a-3.png

4: Markers in Video (cont.)



ps3-4-a-4.png



ps3-4-a-5.png

4: Markers in Video (cont.)



ps3-4-a-6.png

Youtube / Dropbox / etc. link:

https://www.dropbox.com/s/cm4vjlcu3751hu/ar_4-a-ps3-4-b.mp4.avi?dl=0

4: Markers in Video



ps3-4-b-1.png



ps3-4-b-2.png

4: Markers in Video (cont.)

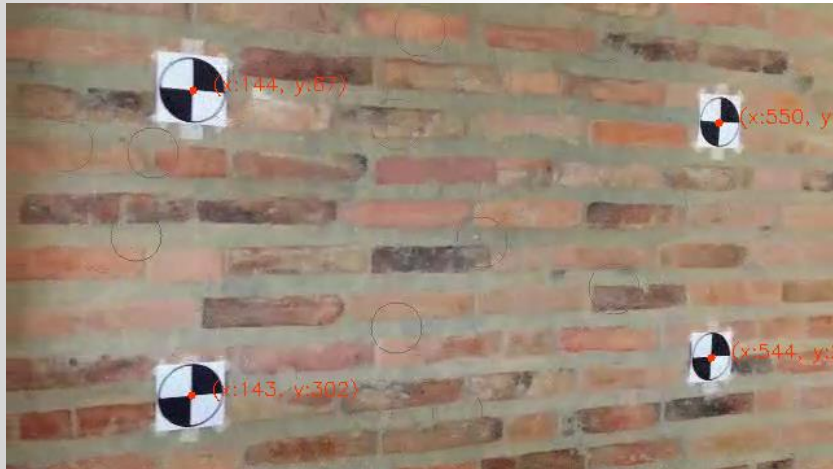


Youtube / Dropbox / etc. link:

https://www.dropbox.com/s/xi8w49k1lms0xtw/ar_4-b-ps3-4-c.mp4.avi?dl=0

ps3-4-b-3.png

4: Markers in Video (cont.)



ps3-4-b-4.png



ps3-4-b-5.png

4: Markers in Video (cont.)



Youtube / Dropbox / etc. link:

https://www.dropbox.com/s/d54oj2ftfuc603f/ar_4-b-ps3-4-d.mp4.avi?dl=0

ps3-4-b-6.png

5: AR in Video



ps3-5-a-1.png



ps3-5-a-2.png

5: AR in Video (cont.)



Youtube / Dropbox / etc. link:

https://www.dropbox.com/s/tjech91n7h434y9/ar_5-a-ps3-4-a.mp4.avi?dl=0

ps3-5-a-3.png

5: AR in Video (cont.)



ps3-5-a-4.png



ps3-5-a-5.png

5: AR in Video (cont.)



ps3-5-a-6.png

Youtube / Dropbox / etc. link:

https://www.dropbox.com/s/d5hup05ozsa6pwz/ar_5-a-ps3-4-b.mp4.avi?dl=0

5: Markers in Video



ps3-5-b-1.png



ps3-5-b-2.png

5: Markers in Video (cont.)



Youtube / Dropbox / etc. link:

https://www.dropbox.com/s/kpeitz4qkr8xcdq/ar_5-b-ps3-4-c.mp4.avi?dl=0

ps3-5-b-3.png

5: Markers in Video (cont.)



ps3-5-b-4.png



ps3-5-b-5.png

5: Markers in Video (cont.)



ps3-5-b-6.png

Youtube / Dropbox / etc. link:

https://www.dropbox.com/s/qol9ut0997zyhrg/ar_5-b-ps3-4-d.mp4.avi?dl=0

6: Video in Video



ps3-6-a-1.png



ps3-6-a-2.png

6: Video in Video (cont.)



Youtube / Dropbox / etc. link:

https://www.dropbox.com/s/z20cxqekr8vv2oh/ar_ps3-6-ps3-4-a.mp4.avi?dl=0

ps3-6-a-3.png

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