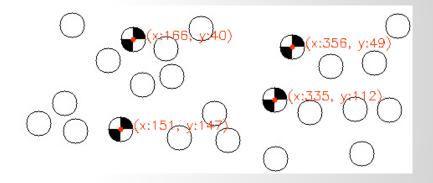
Computer Vision Fall 2017 Problem Set #3

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1: Marker detection

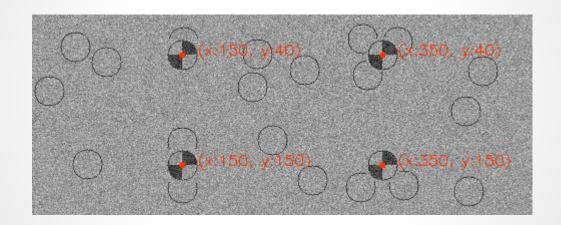




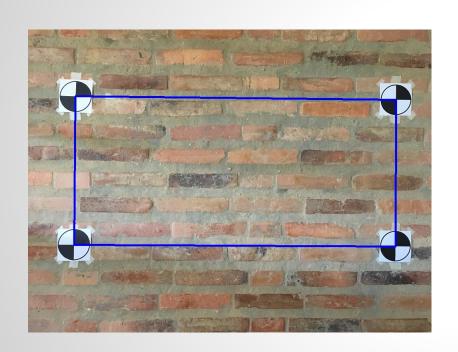
ps3-1-a-1.png

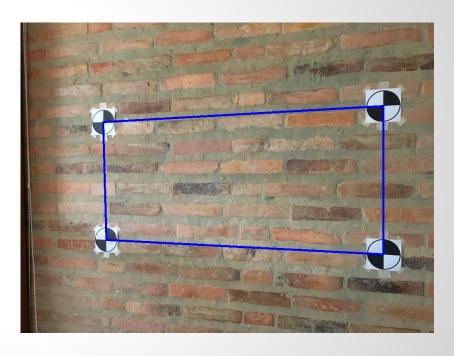
ps3-1-a-2.png

1: Marker detection (cont.)



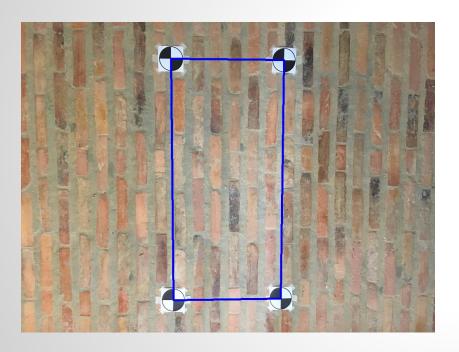
2: Marker detection (wall scene)

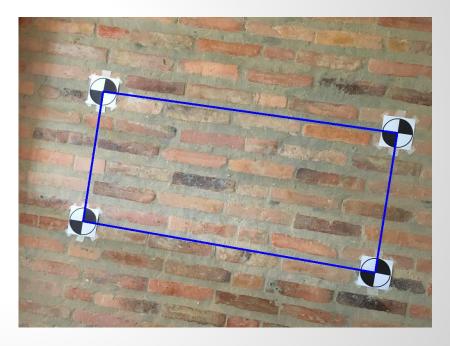




ps3-2-a-1.png ps3-2-a-2.png

2: Marker detection (wall scene)

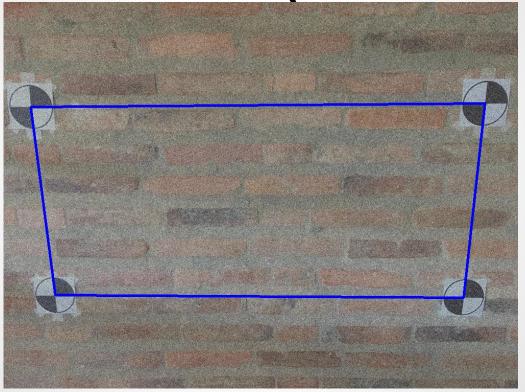




ps3-2-a-3.png

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



Youtube / Dropbox / etc. link: https://youtu.be/oC-UJldYIXY

ps3-4-a-3.png





ps3-4-a-5.png

ps3-4-a-4.png



Youtube / Dropbox / etc. link: https://youtu.be/82VaNn5X-H8

ps3-4-a-6.png

4: Markers in Video





ps3-4-b-1.png

ps3-4-b-2.png



Youtube / Dropbox / etc. link:

https://youtu.be/kX8bxaAh--U

ps3-4-b-3.png





ps3-4-b-5.png ps3-4-b-5.png



Youtube / Dropbox / etc. link: https://youtu.be/BIRFvWpxjqc

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://youtu.be/YXQoePfvlkM

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.)



Youtube / Dropbox / etc. link:

https://youtu.be/jVKxf65MP5c

ps3-5-a-6.png

5: Markers in Video





ps3-5-b-1.png ps3-5-b-2.png



Youtube / Dropbox / etc. link: https://youtu.be/Pd9n9vTuC20

ps3-5-b-3.png



ps3-5-b-4.png ps3-5-b-5.png



Youtube / Dropbox / etc. link: https://youtu.be/n3y0LgFugk0

ps3-5-b-6.png

6: Video in Video





ps3-6-a-1.png ps3-6-a-2.png

6: Video in Video (cont.)



Youtube / Dropbox / etc. link:

https://youtu.be/ZdG2gVkpMns

ps3-6-a-3.png

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