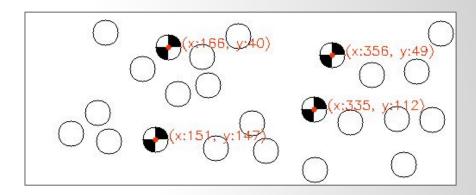
Computer Vision Spring 2018 Problem Set #3

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1: Marker detection

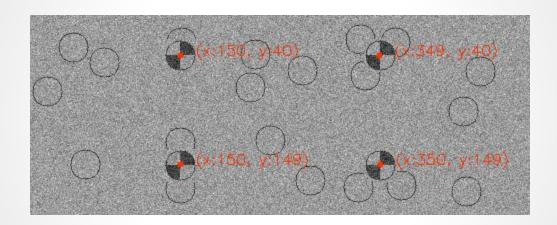




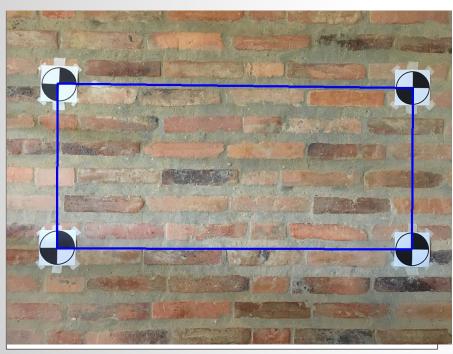
ps3-1-a-1.png

ps3-1-a-2.png

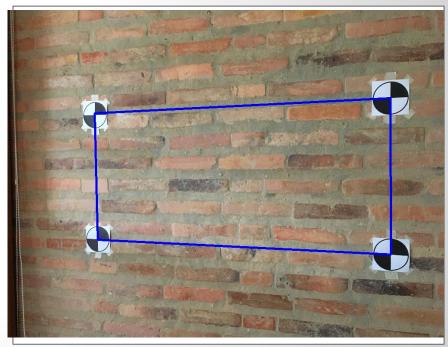
1: Marker detection (cont.)



2: Marker detection (wall scene)

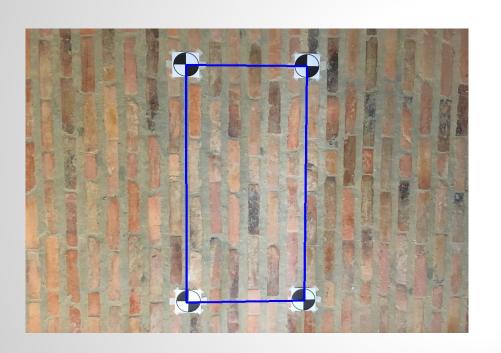


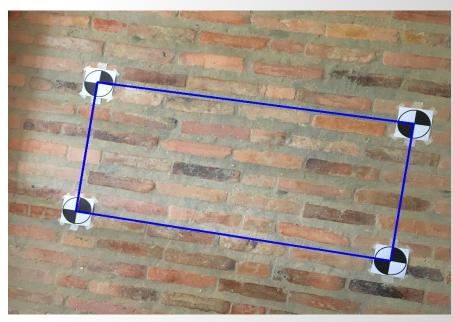
ps3-2-a-1.png



ps3-2-a-2.png

2: Marker detection (wall scene)

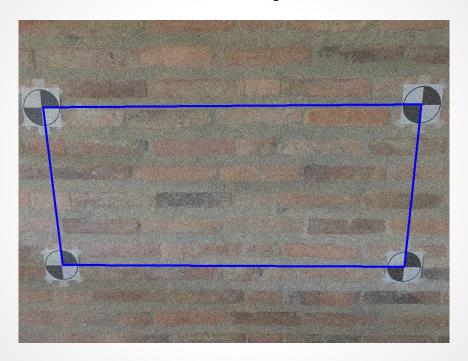




ps3-2-a-3.png

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://www.youtube.com/watch?v=aclds73K1Z0





ps3-4-a-4.png

ps3-4-a-5.png



Youtube / Dropbox / etc. link:

https://www.youtube.com/watch?v=Bc4l4akdWUk

4: Markers in Video





ps3-4-b-1.png

ps3-4-b-2.png



Youtube / Dropbox / etc. link:

https://www.youtube.com/watch?v=Q6JZ8 mRGVM





ps3-4-b-4.png

ps3-4-b-5.png



Youtube / Dropbox / etc. link:

https://www.youtube.com/watch?v=oPNPtb1n3YY

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.youtube.com/watch?v=93QbcK-NKaA

4: AR in Video (cont.)





ps3-5-a-4.png

ps3-5-a-5.png

5: AR in Video (cont.)



Youtube / Dropbox / etc. link:

https://www.youtube.com/watch?v=gRK3-fjjdoo

5: Markers in Video





ps3-5-b-1.png

ps3-5-b-2.png



Youtube / Dropbox / etc. link:

https://www.youtube.com/watch?v=TmOJJwt1300





ps3-5-b-4.png

ps3-5-b-5.png



Youtube / Dropbox / etc. link:

https://www.youtube.com/watch?v=0bRAu7Xo7NA

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.youtube.com/watch?v=SGkfqE1c3Dw

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