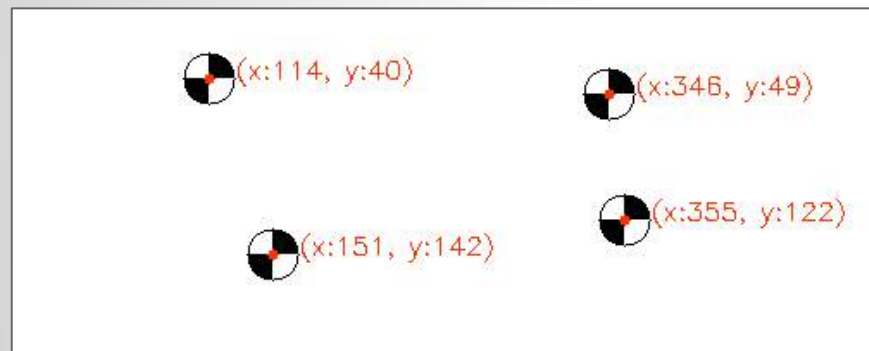# Computer Vision (2019 Spring) Problem Set #3
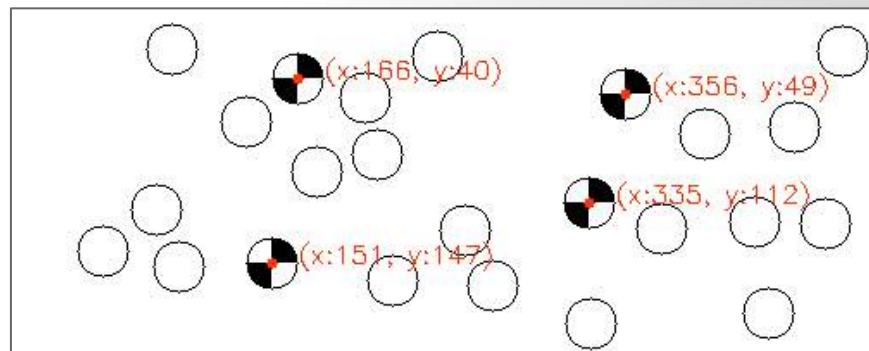
Chuqiao Dong
chdong@gatech.edu

1: Marker detection
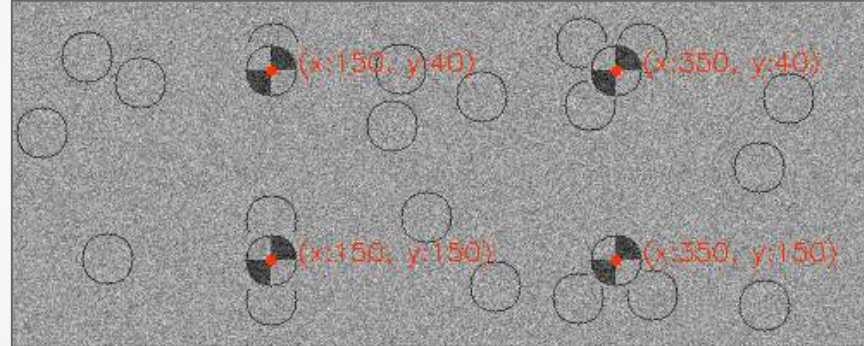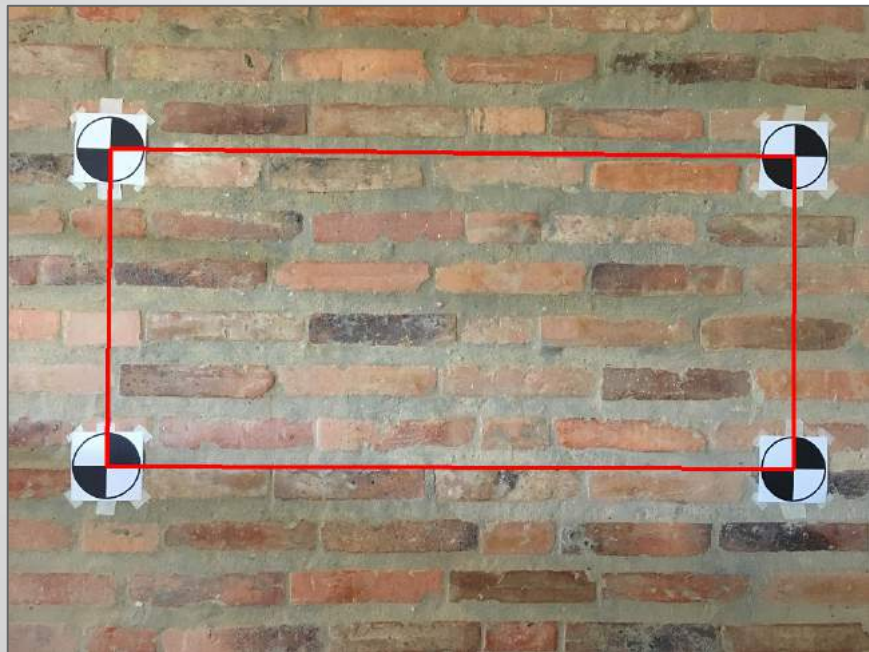

ps3-1-a-1

ps3-1-a-2

1: Marker detection (cont.)

ps3-1-a-3

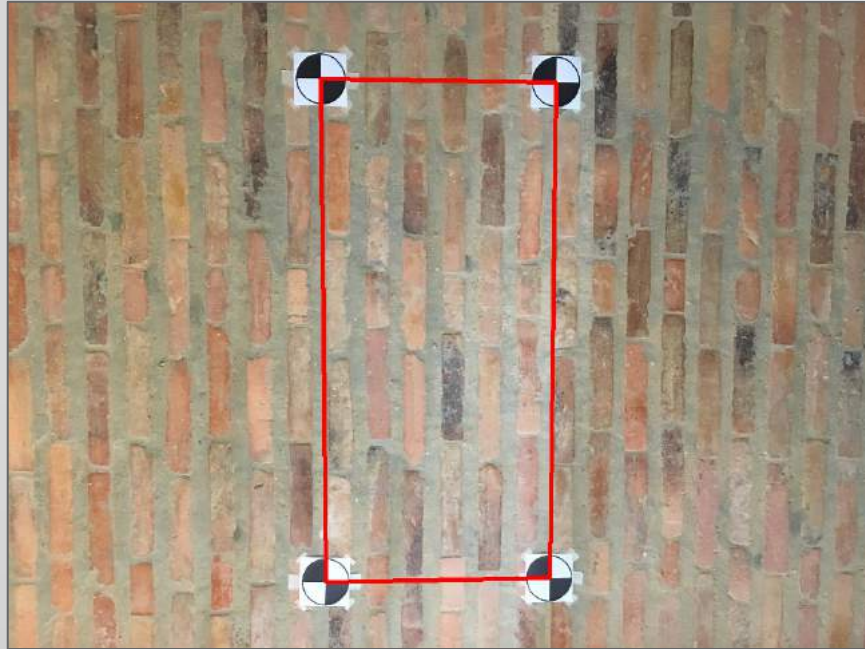# 2: Marker detection (wall scene)

ps3-2-a-1

ps3-2-a-2

2: Marker detection (wall scene)

ps3-2-a-3
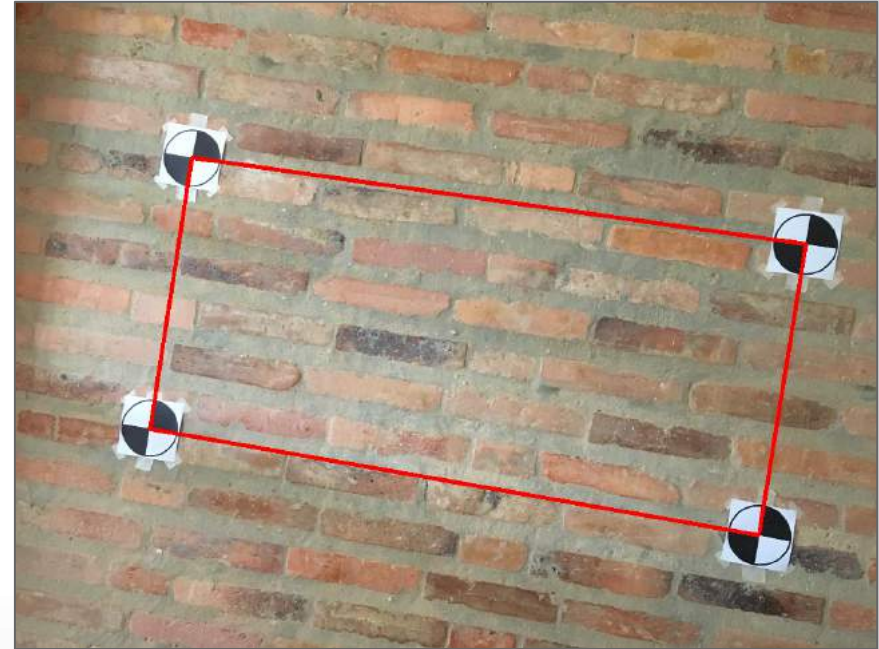
ps3-2-a-4

2: Marker detection (wall scene)
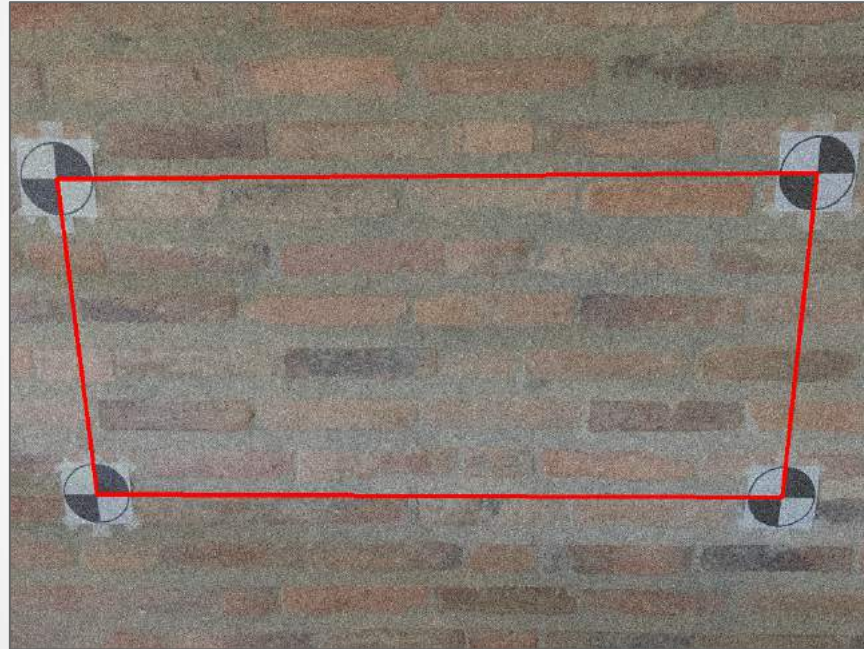
ps3-2-a-5

3: Projective Geometry

ps3-3-a-1

ps3-3-a-2

3: Projective Geometry (cont.)

ps3-3-a-3

4: Markers in Video

ps3-4-a-1

ps3-4-a-2

4: Markers in Video (cont.)

https://www.dropbox.com/s/z8fowqgc4u2xkne/ar_4-a-ps3-4-a.mp4?dl=0

ps3-4-a-3

4: Markers in Video (cont.)

ps3-4-a-4

ps3-4-a-5

4: Markers in Video (cont.)

https://www.dropbox.com/s/35xa5owmzl6rhln/ar_4-a-ps3-4-b.mp4?dl=0

ps3-4-a-6

4: Markers in Video

ps3-4-b-1

ps3-4-b-2

4: Markers in Video (cont.)

ps3-4-b-3

https://www.dropbox.com/s/f74lgj91wh1ogen/ar_4-b-ps3-4-c.mp4?dl=0

4: Markers in Video (cont.)

ps3-4-b-4

ps3-4-b-5

4: Markers in Video (cont.)

https://www.dropbox.com/s/9fak4r5xc2ys6z2/ar_4-b-ps3-4-d.mp4?dl=0

ps3-4-b-6

5: AR in Video

ps3-5-a-1

ps3-5-a-2

5: AR in Video (cont.)

https://www.dropbox.com/s/pq8q4udctr30h44/ar_5-a-ps3-4-a.mp4?dl=0

ps3-5-a-3

4: AR in Video (cont.)

ps3-5-a-4

ps3-5-a-5

5: AR in Video (cont.)

ps3-5-a-6

https://www.dropbox.com/s/kllu6ug5xmjly23/ar_5-a-ps3-4-b.mp4?dl=0

5: Markers in Video

ps3-5-b-1

ps3-5-b-2

5: Markers in Video (cont.)

https://www.dropbox.com/s/c9jyjdvdoj5bks8/ar_5-b-ps3-4-c.mp4?dl=0

ps3-5-b-3

5: Markers in Video (cont.)

ps3-5-b-4

ps3-5-b-5

5: Markers in Video (cont.)

https://www.dropbox.com/s/pj8759mcyhqc56m/ar_5-b-ps3-4-d.mp4?dl=0

ps3-5-b-6

6: Video in Video

ps3-6-a-1

ps3-6-a-2

6: Video in Video (cont.)

https://www.dropbox.com/s/t8mxltdzpokspd0/ar_6-a-ps3-4-a.mp4?dl=0

ps3-6-a-3

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