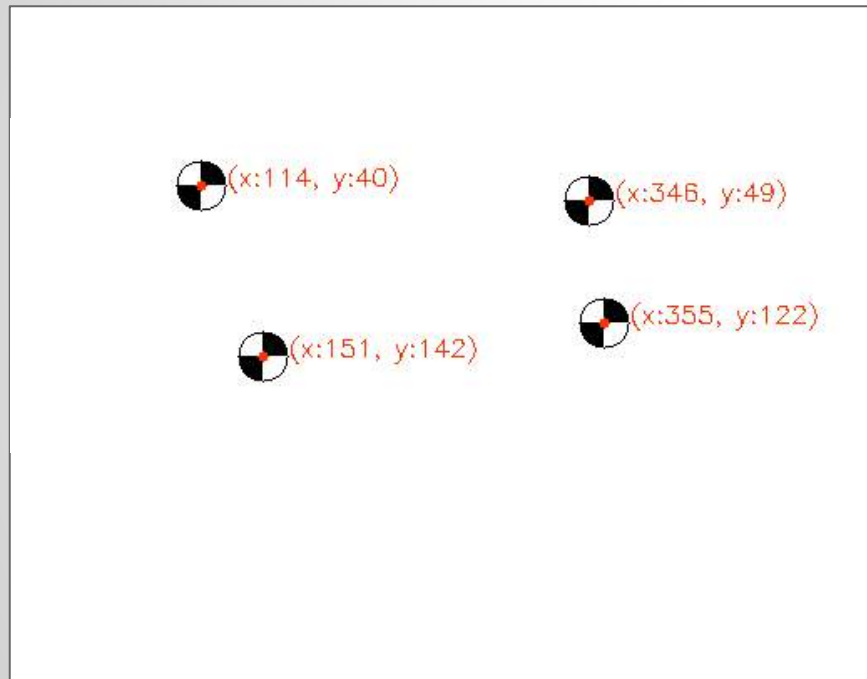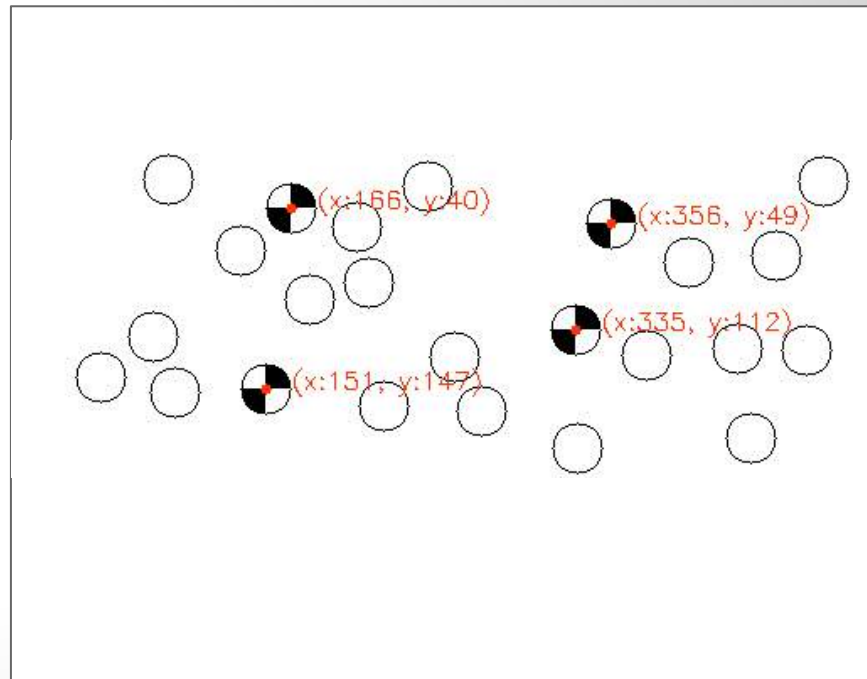# Computer Vision
Fall 2018
Problem Set #3

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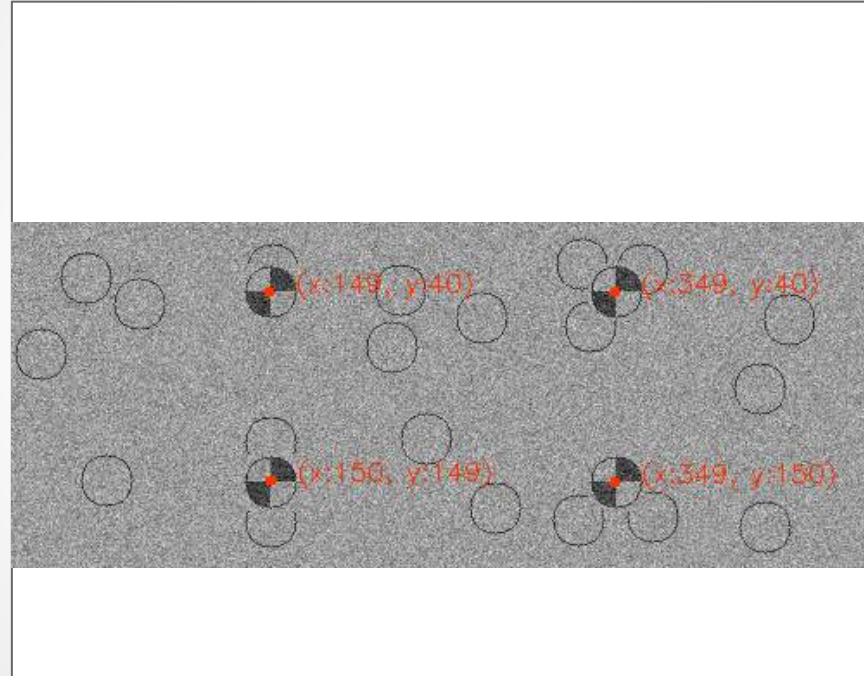# 1: Marker detection

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

4: Markers in Video

ps3-4-a-1.png

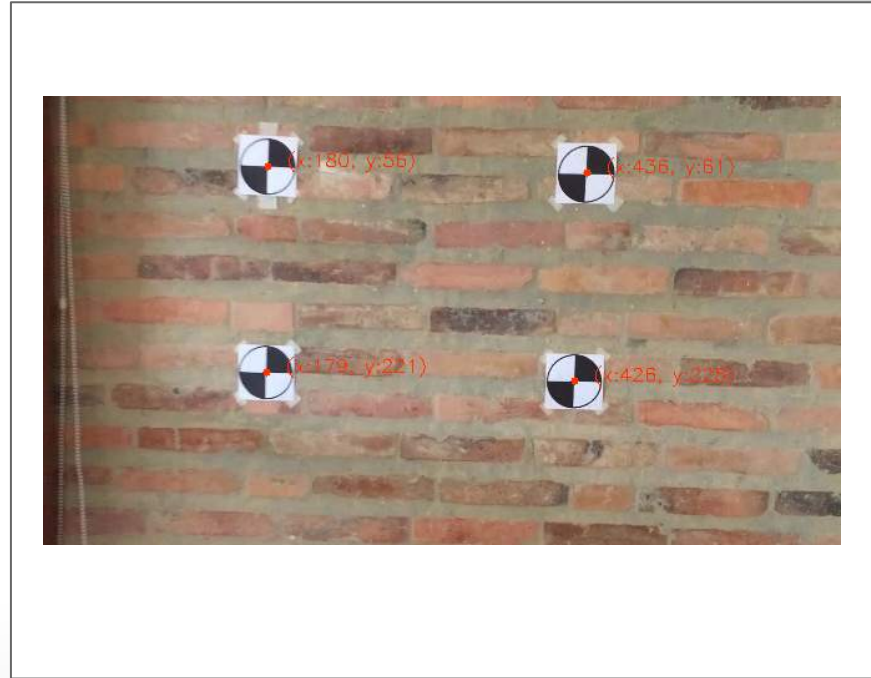ps3-4-a-2.png

4: Markers in Video (cont.)

ps3-4-a-3.png

Youtube / Dropbox / etc. link:

https://youtu.be/TT6QpmL8adg

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://youtu.be/dB_epDiT8g0

4: Markers in Video

ps3-4-b-1.png

ps3-4-b-2.png

4: Markers in Video (cont.)

ps3-4-b-3.png

Youtube / Dropbox / etc. link:

https://youtu.be/fw5830-1fxU

4: Markers in Video (cont.)

ps3-4-b-4.png

ps3-4-b-5.png

4: Markers in Video (cont.)

ps3-4-b-6.png

Youtube / Dropbox / etc. link:

https://youtu.be/y3-4X3aWPGU

5: AR in Video

ps3-5-a-1.png

ps3-5-a-2.png

5: AR in Video (cont.)

ps3-5-a-3.png

Youtube / Dropbox / etc. link:

https://youtu.be/F45c34Zn_A0

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://youtu.be/g5LiSx7TP08

5: Markers in Video

ps3-5-b-1.png

ps3-5-b-2.png

5: Markers in Video (cont.)

ps3-5-b-3.png

Youtube / Dropbox / etc. link:

https://youtu.be/0JXRHTm8IZo
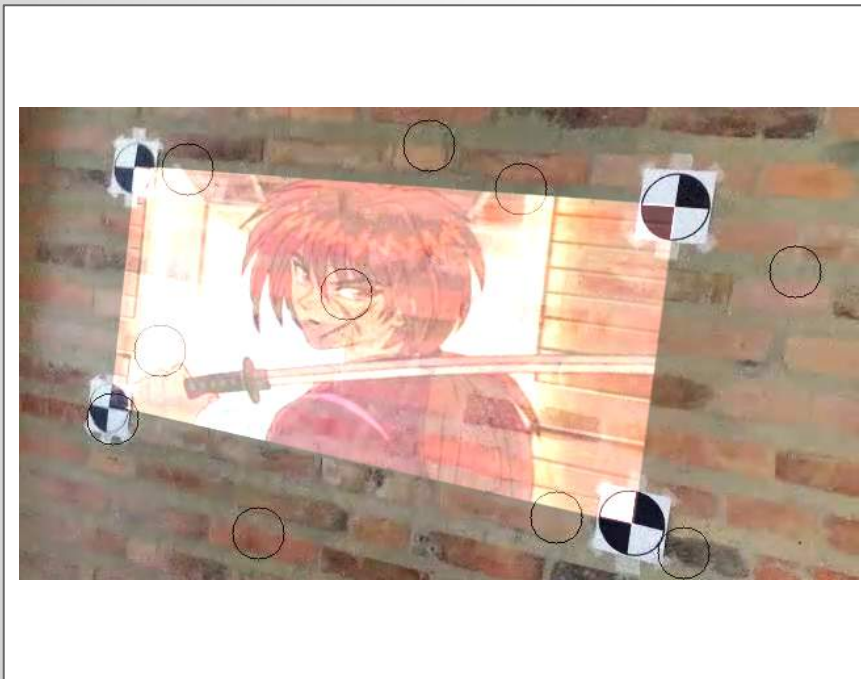
5: Markers in Video (cont.)

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://youtu.be/iJXjX2lfEg4