

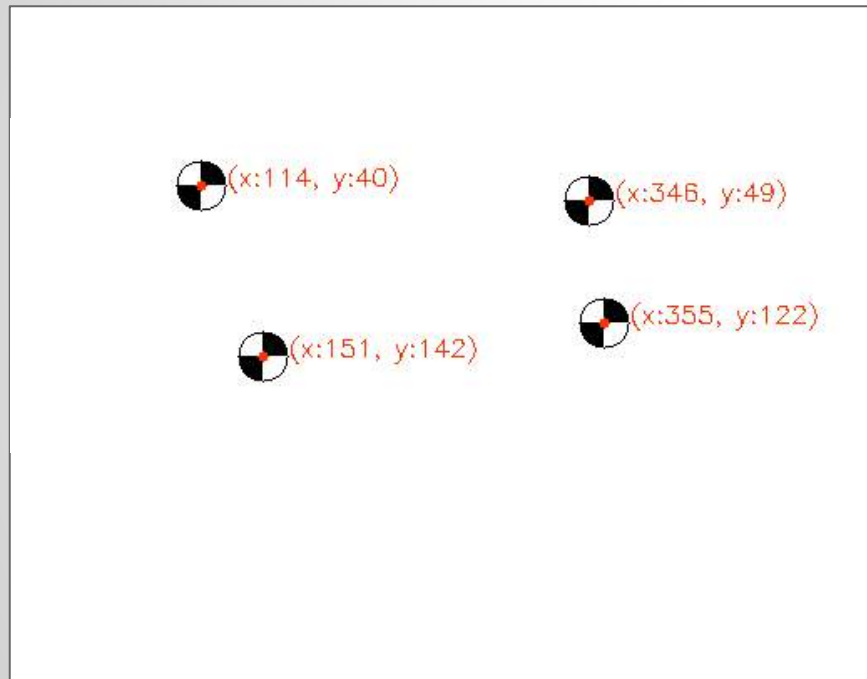
Computer Vision

Fall 2018

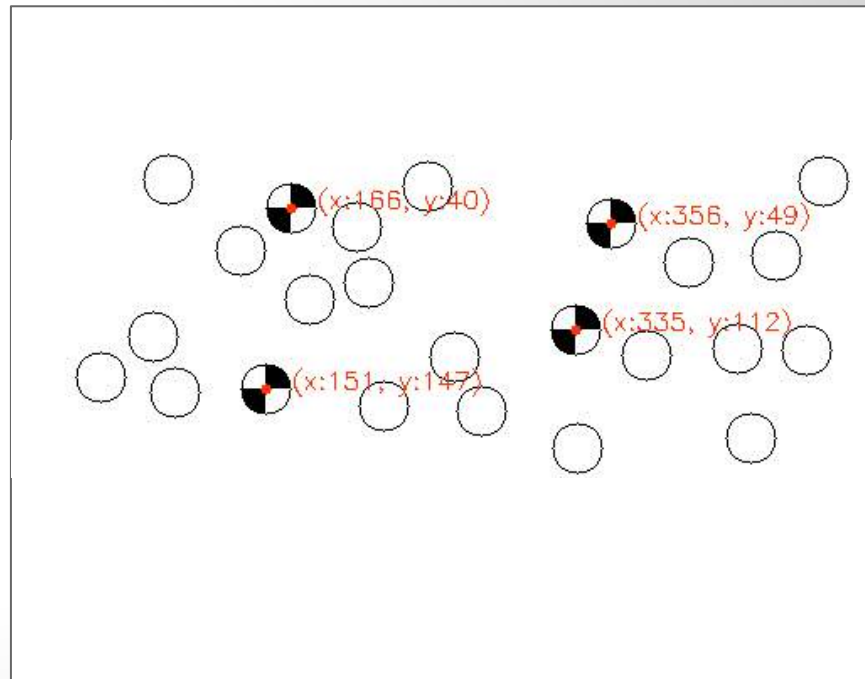
Problem Set #3

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1: Marker detection

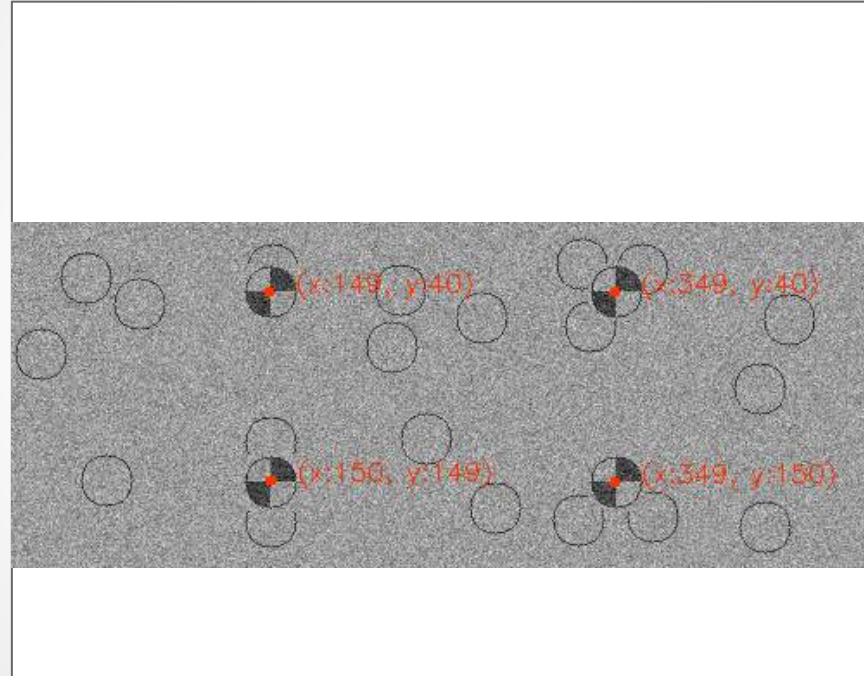


ps3-1-a-1.png



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.)



ps3-4-a-3.png

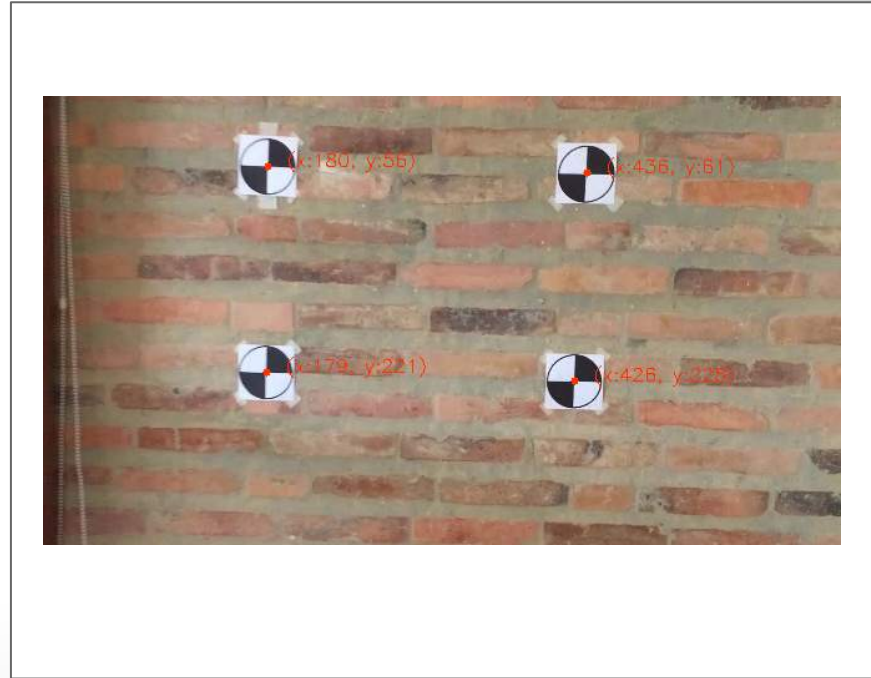
Youtube / Dropbox / etc. link:

<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.)

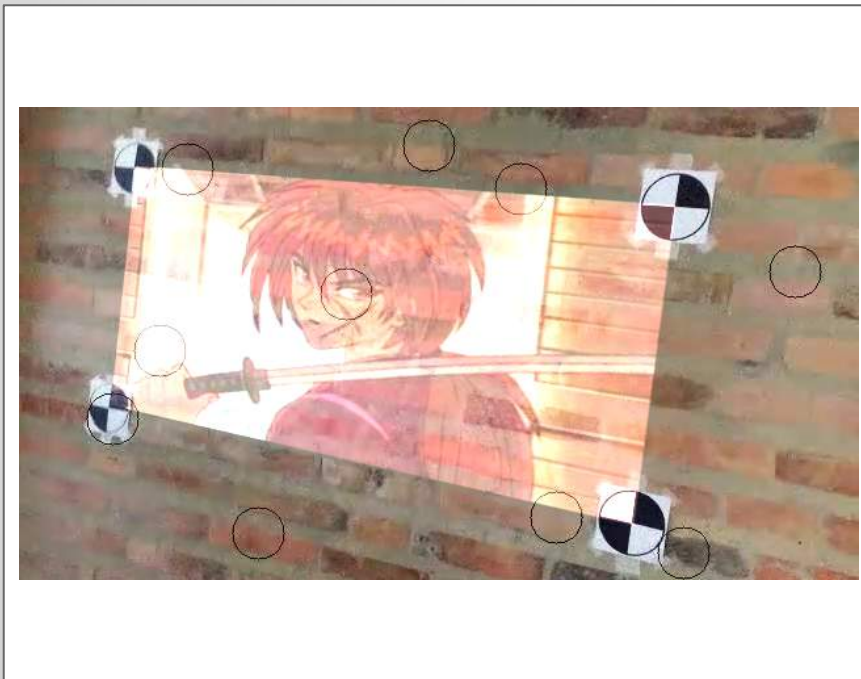


ps3-5-b-4.png



ps3-5-b-5.png

5: Markers in Video (cont.)



ps3-5-b-6.png

Youtube / Dropbox / etc. link:

<https://youtu.be/iJXjX2IfEg4>