

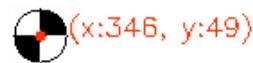
# **Computer Vision**

## **Spring 2018**

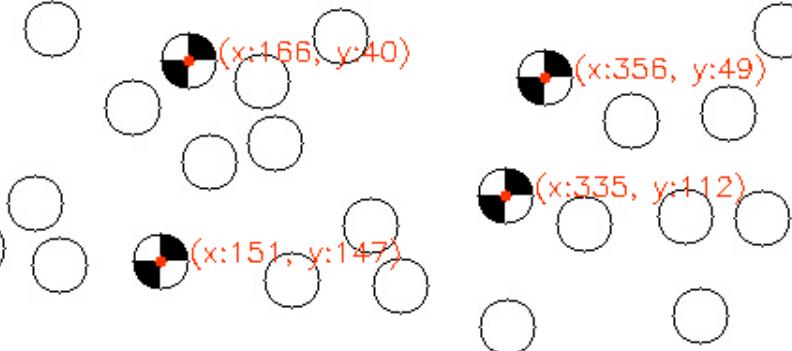
### **Problem Set #3**

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# 1: Marker detection

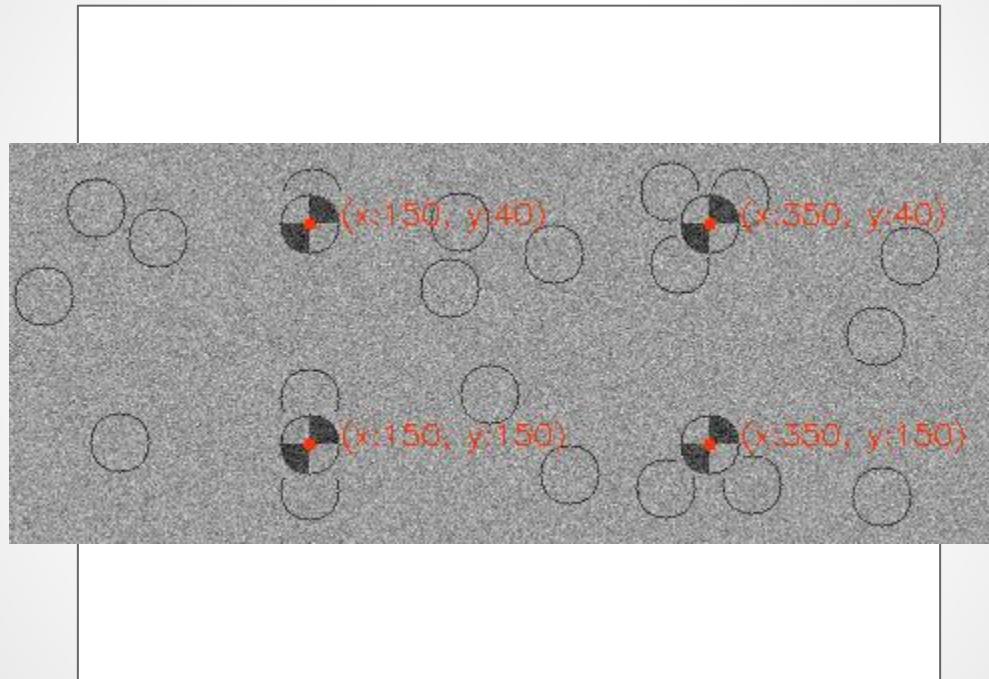


ps3-1-a-1.png



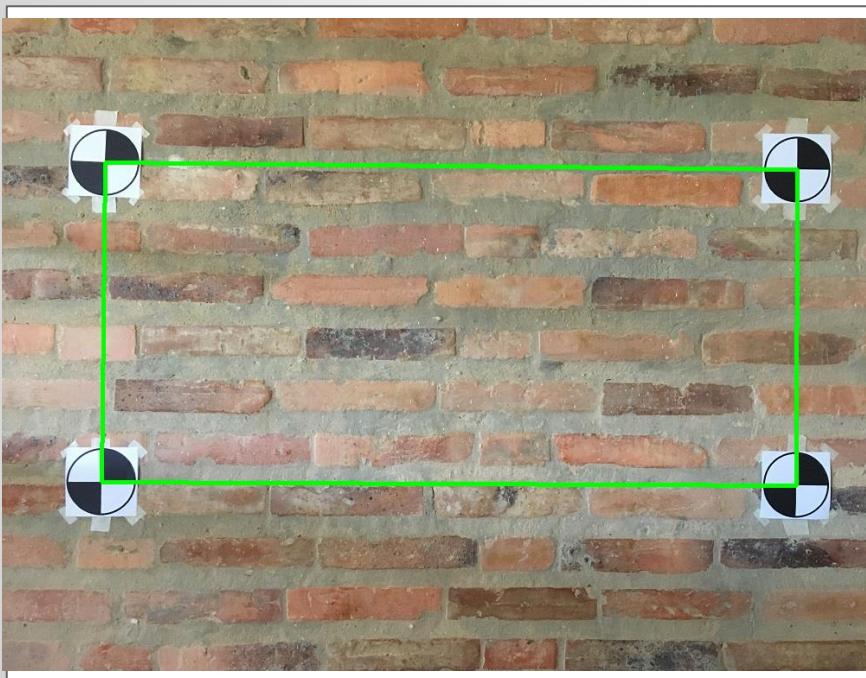
ps3-1-a-2.png

# 1: Marker detection (cont.)

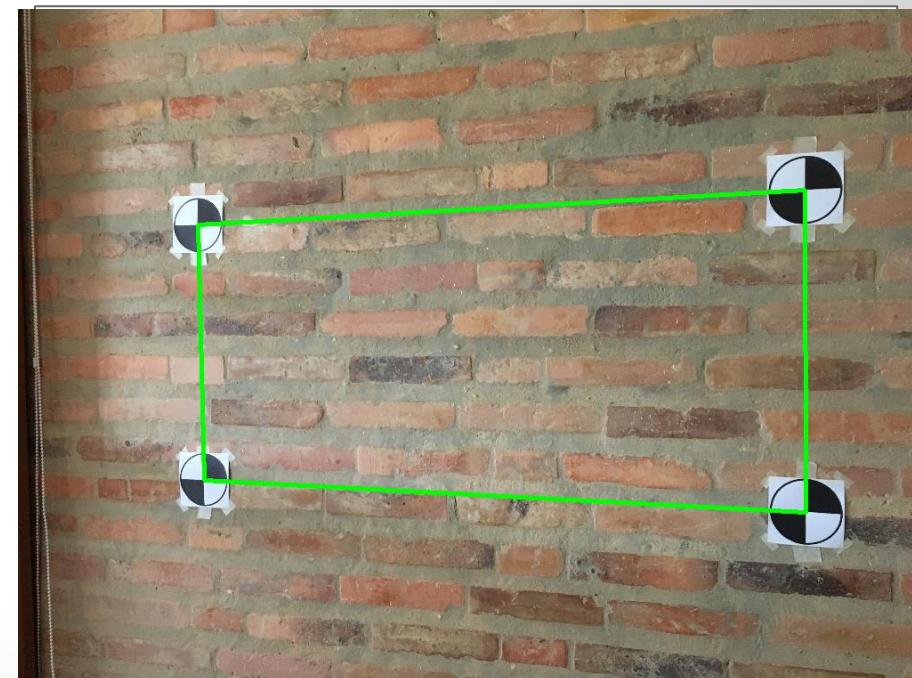


ps3-1-a-3.png

## 2: Marker detection (wall scene)

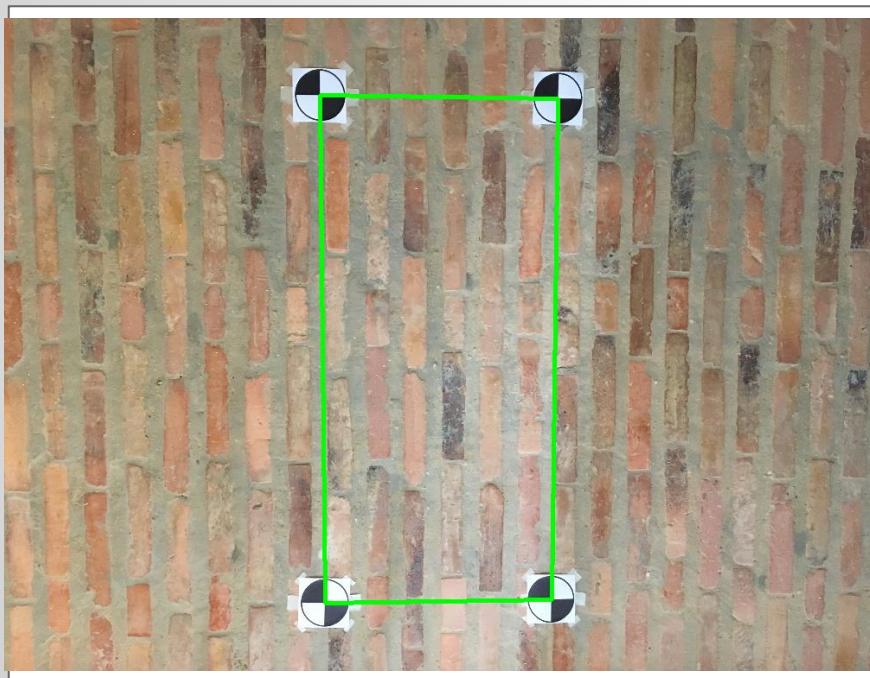


ps3-2-a-1.png

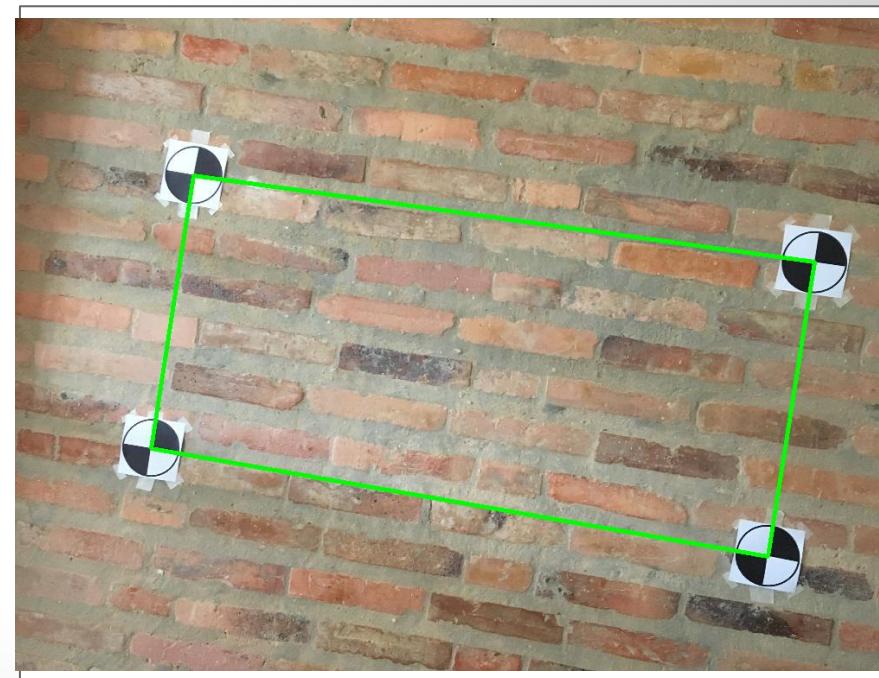


ps3-2-a-2.png

## 2: Marker detection (wall scene)

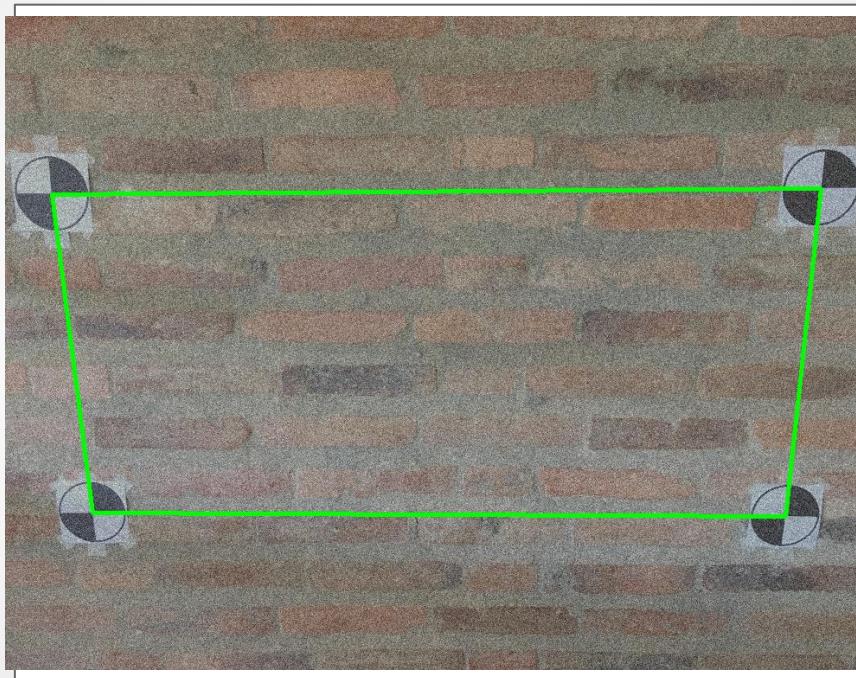


ps3-2-a-3.png



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



blank

ps3-4-a-1.png



blank

ps3-4-a-2.png

# 4: Markers in Video (cont.)



ps3-4-a-3.png

Youtube / Dropbox / etc. link:

# 4: Markers in Video (cont.)



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ps3-4-a-4.png



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ps3-4-a-5.png

# 4: Markers in Video (cont.)



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Youtube / Dropbox / etc. link:

ps3-4-a-6.png

# 4: Markers in Video



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ps3-4-b-1.png



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ps3-4-b-2.png

# 4: Markers in Video (cont.)



ps3-4-b-3.png

Youtube / Dropbox / etc. link:

# 4: Markers in Video (cont.)



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ps3-4-b-4.png



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ps3-4-b-5.png

# 4: Markers in Video (cont.)



ps3-4-b-6.png

Youtube / Dropbox / etc. link:

# 5: AR in Video



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ps3-5-a-1.png



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ps3-5-a-2.png

# 5: AR in Video (cont.)



ps3-5-a-3.png

Youtube / Dropbox / etc. link:

# 4: AR in Video (cont.)



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ps3-5-a-4.png



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ps3-5-a-5.png

# 5: AR in Video (cont.)



ps3-5-a-6.png

Youtube / Dropbox / etc. link:

# 5: Markers in Video



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ps3-5-b-1.png



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ps3-5-b-2.png

# 5: Markers in Video (cont.)



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Youtube / Dropbox / etc. link:

ps3-5-b-3.png

# 5: Markers in Video (cont.)



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ps3-5-b-4.png



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ps3-5-b-5.png

# 5: Markers in Video (cont.)



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Youtube / Dropbox / etc. link:

ps3-5-b-6.png

# 6: Video in Video



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ps3-6-a-1.png



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ps3-6-a-2.png

# 6: Video in Video (cont.)



Youtube / Dropbox / etc. link:

ps3-6-a-3.png

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