TÉCNICO LISBOA

AUTONOMOUS SYSTEMS
2018/2019

# EKF-SLAM
# With ITER + visual markers

Grupo 4
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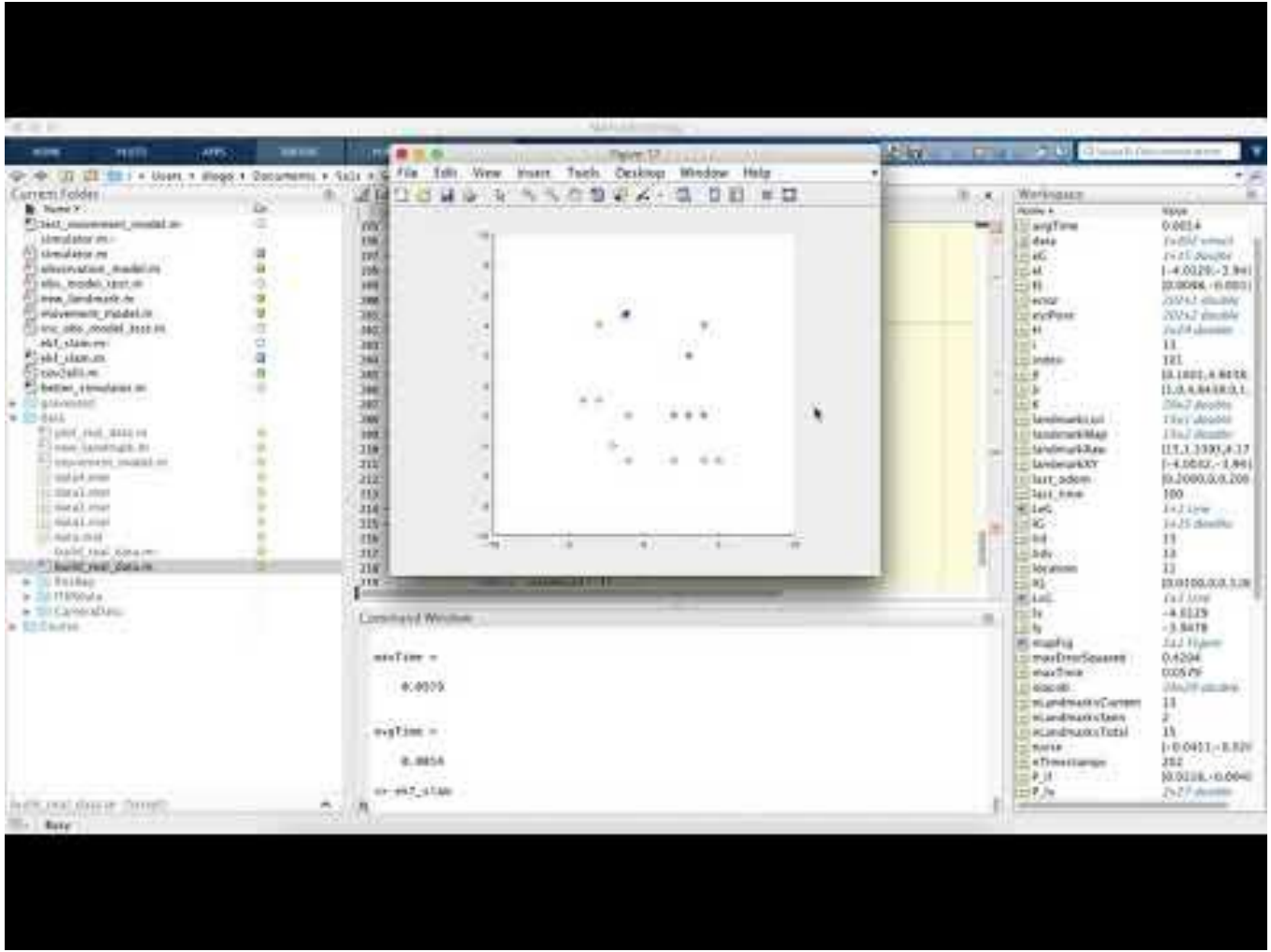


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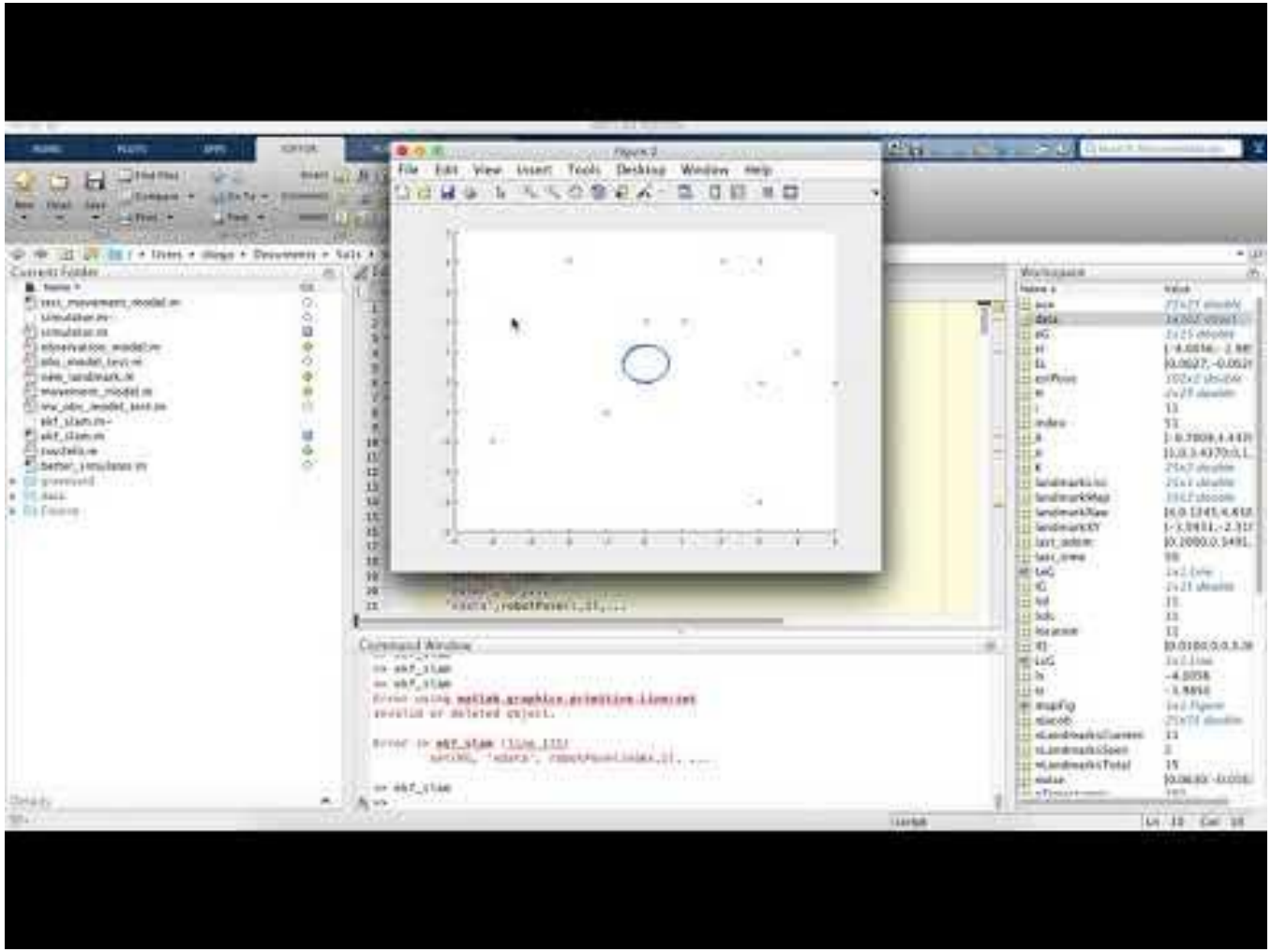


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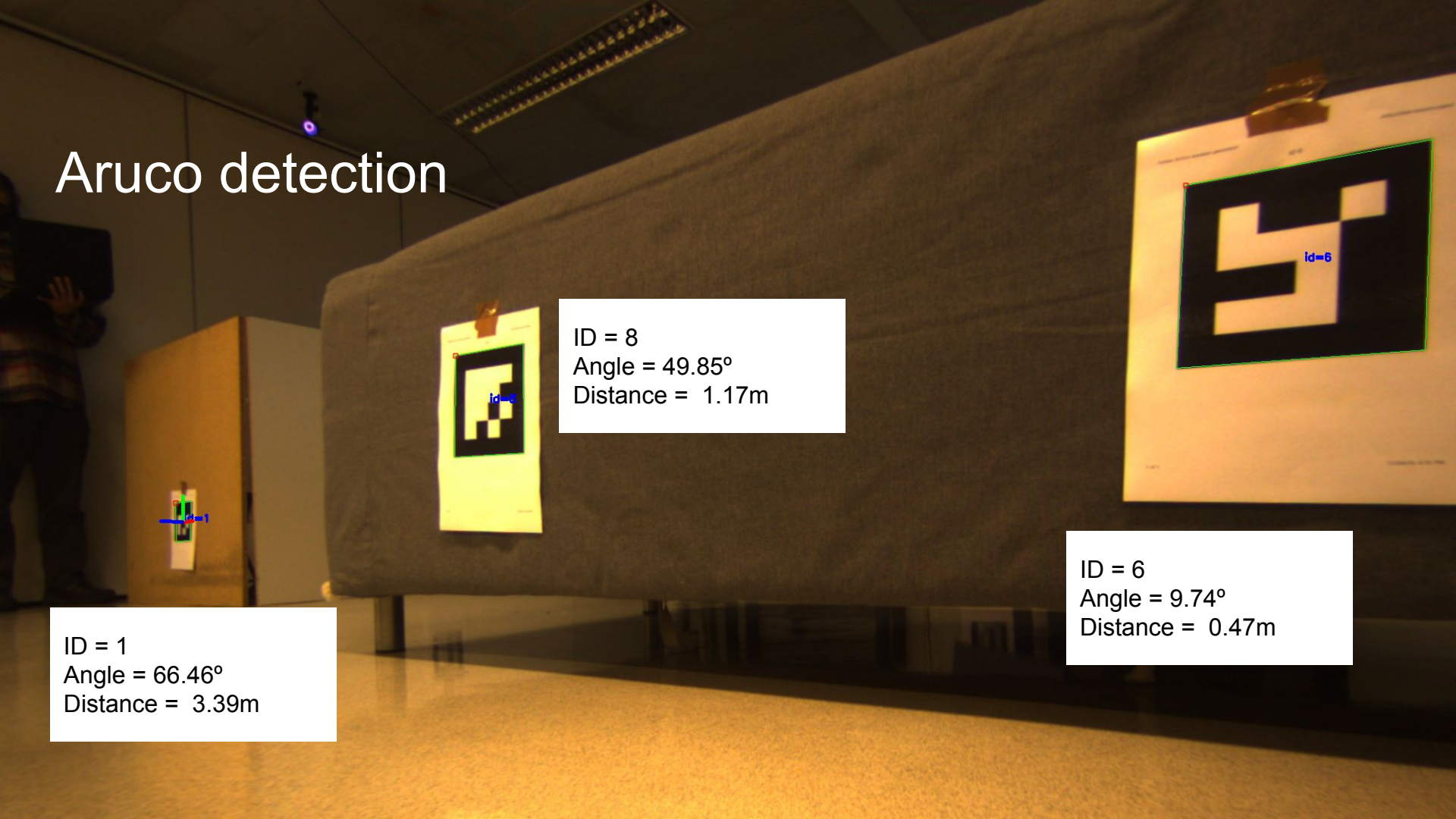
# Aruco detection



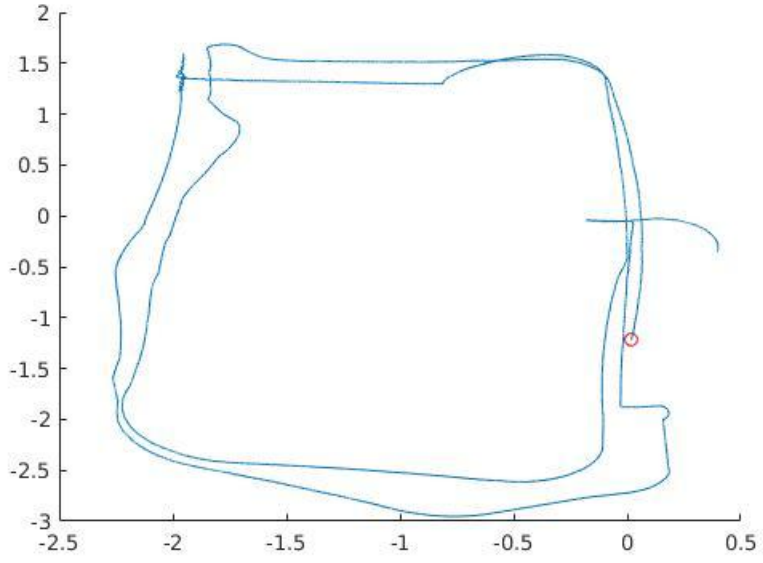

ID = 1
Angle = 66.46º
Distance = 3.39m

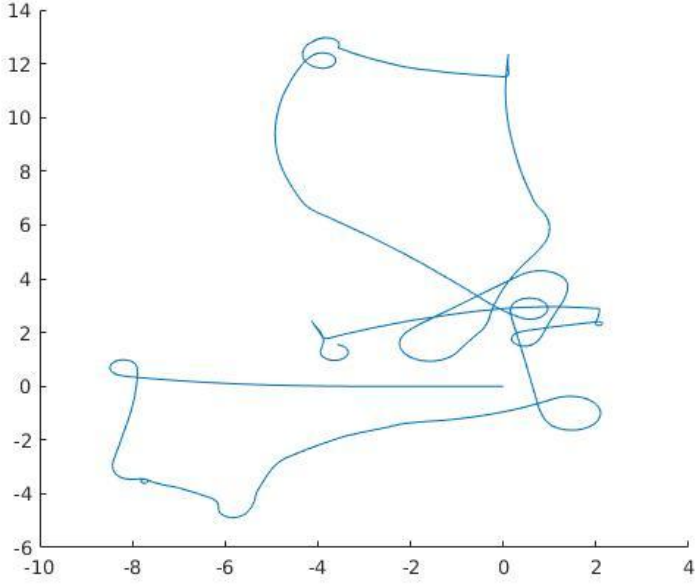
ID = 8
Angle = 49.85º
Distance = 1.17m

ID = 6
Angle = 9.74º
Distance = 0.47m

# Problems

So, we took the ground truth and ....



# Future work

Regarding the EKF-SLAM Algorithm:

- Take advantage of the matrices being Sparse
- Implement the Matching Step