

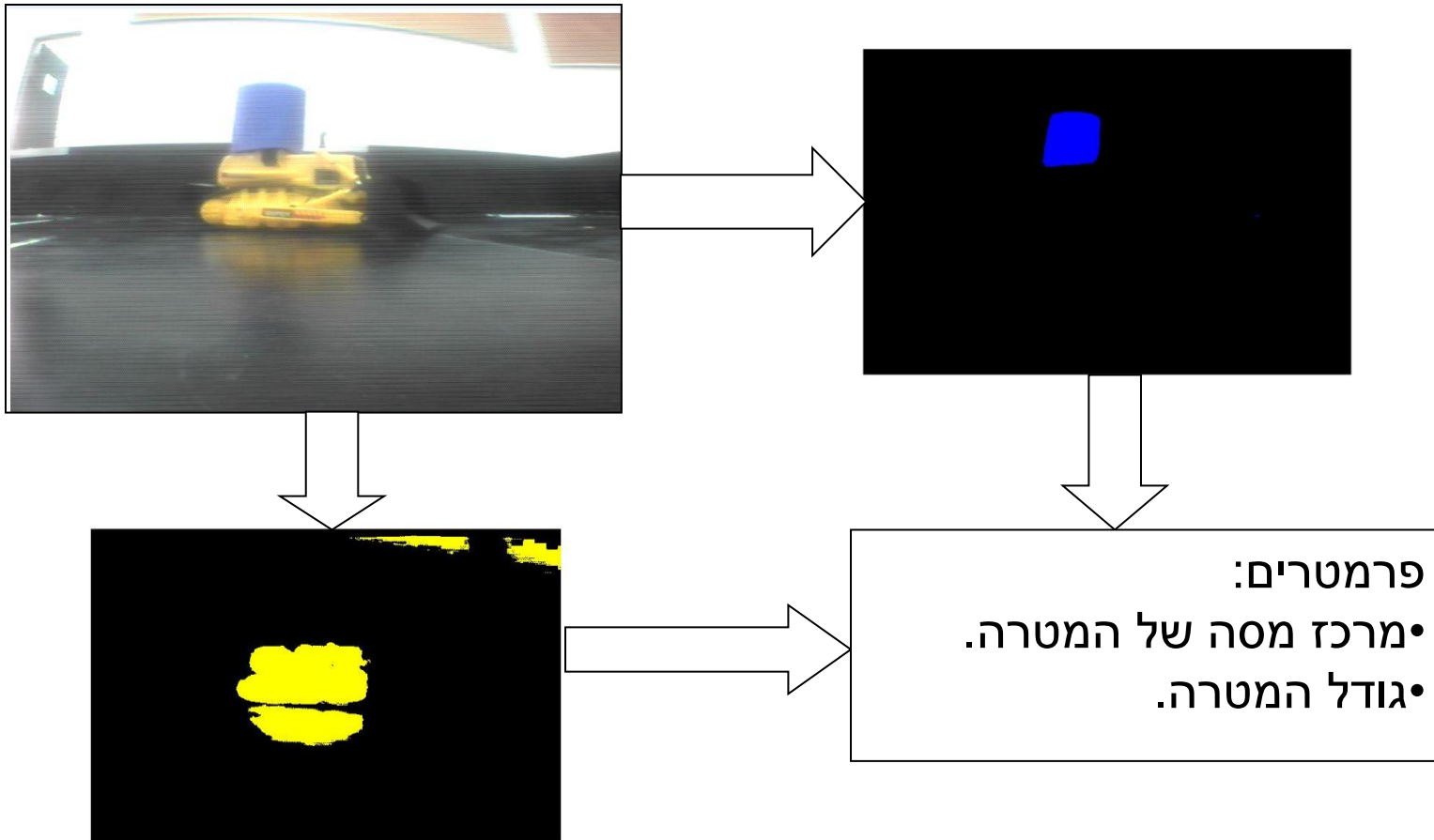
# ROBOT PURSUIT

INTRODUCTION TO ROBOTICS 236927

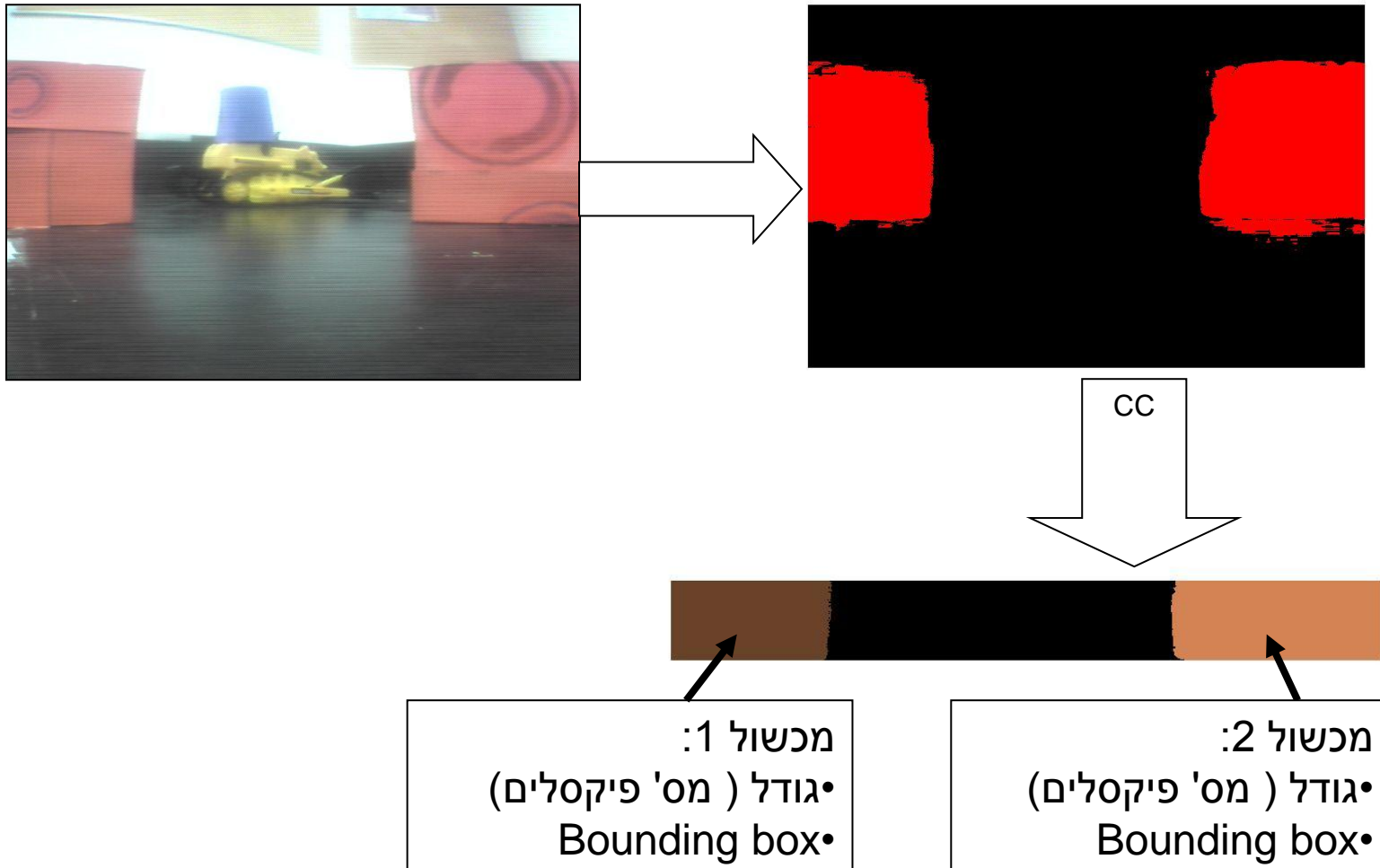
Amir Geva

Javier Turek

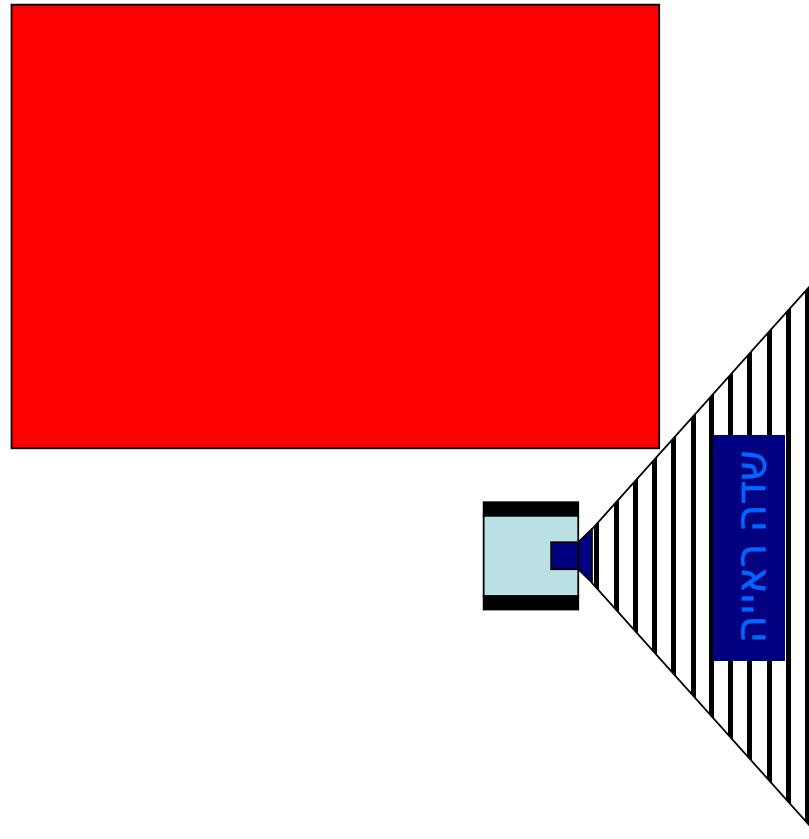
# Image processing (target)



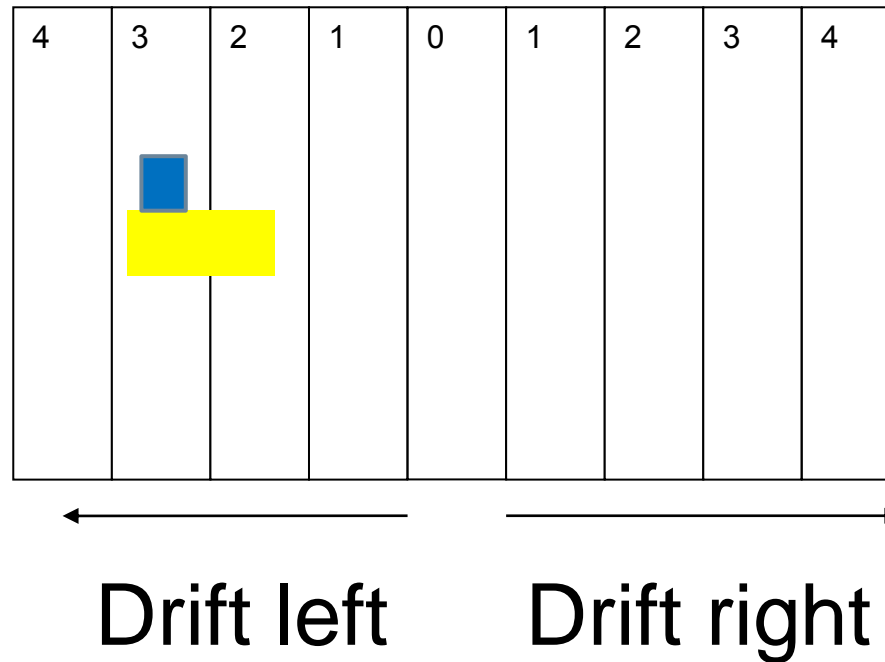
# Image processing (obstacles)



# Traversing obstacles

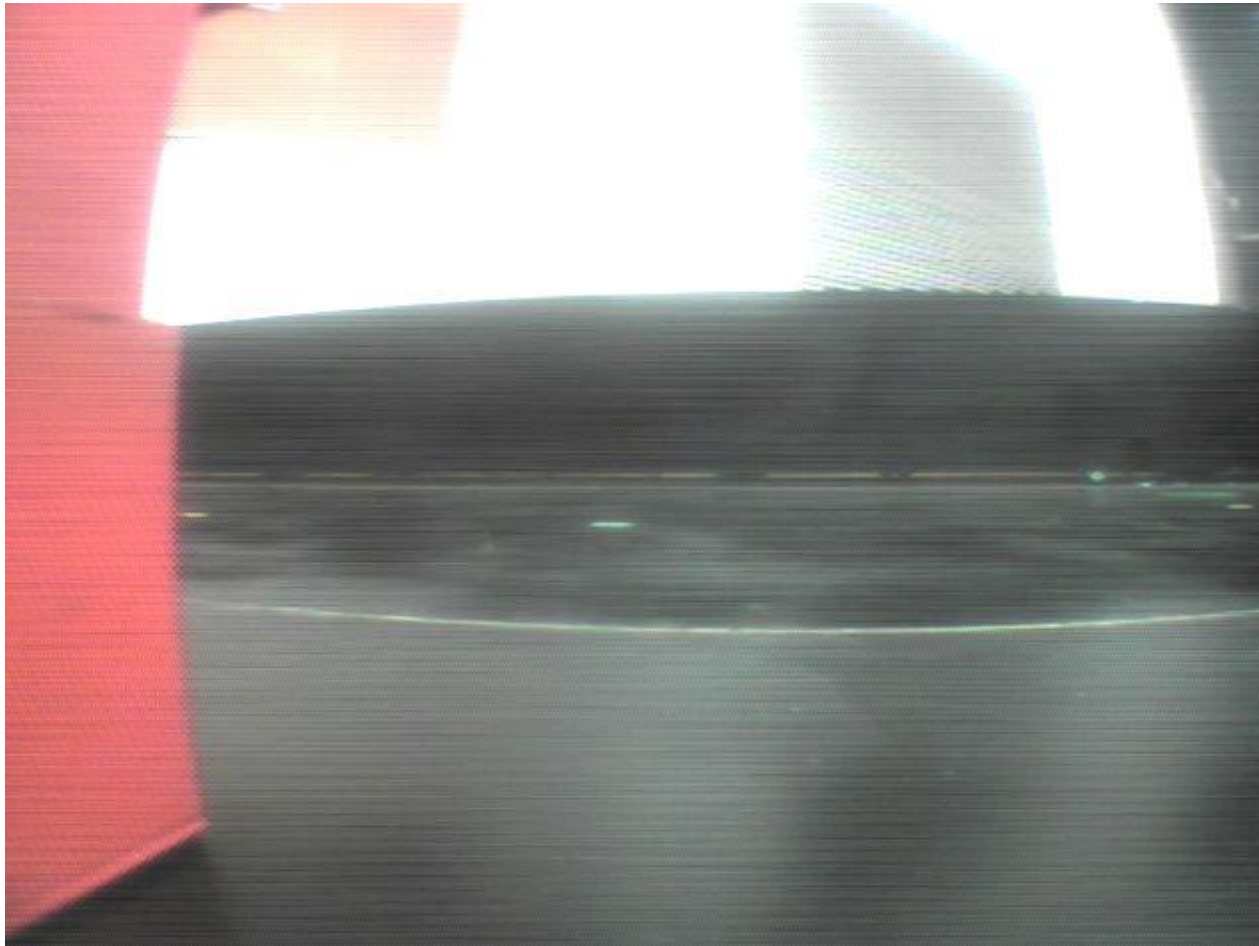


# Pursuiting



$$speed = \frac{K_2}{\#_{tgt}} - K_1 \cdot \sum_{o \in Obstacles} \#_o$$

# Problems (distortion)



# Problems (camera's AGC)



# Problems (noise)

