

LAB1: Object detection

Please write a Python code which realize following functionality:

1. The software should read a movie file of given name (should read the name as a runtime parameter),
2. It should mark on the screen red object and follow it during all time (circle of proper size)
3. Small artefacts (extra dots and holes) should be removed from the screen.
4. The software should open two windows, one with movie without transformation and the second with movie transformed and thresholded
5. On the screen with no transformed movie red object should be marked and left/right deviation from the center of the pictures should be inserted.

The task should be sent by Teams system according to the dates specified in the assignment.

Good luck

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