PEOPLE COUNTER SYSTEM

Soft computing

Ljubiša Avakumović

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Load the frame
- Load the video
- Open the frame

Checking if object is a person
- If object exists for minimum age treshold, it is a person

Checking if person is on position
- Check if person is on brown platform

Apply background subtractor
- Changes whole frame to black and white (distinguish moving objects from background)

Create new object
- If the contour is not already existing object, create new one

Count people
- Count and display the number

Apply opening and closing
- Opening (erosion + dilation)
- Closing (dilation + erosion)
- Used to clear out the objects

Detect contours
- Form contours using minimum and maximum threshold