

Projects

Algorithms implementation

- For the final exam is requested the implementation of one simple algorithm of computer vision in a standard computer language (java, c, c++), same examples:
 - Circle hough
 - Connected components
 - Binary Morphology: Erosion and dilation
 - But also other algorithms may be considered

More complex problems

- The solution of a computer vision problem. In this case standard library or tools may be used (opencv, matlab, Image magick)
- Some examples:
 - Detection of vanishing point (and/of horizont line)
 - Search path (such as the distance between two points, labyrinth solution)
 - Sudoku (recognize numbers in an image, not solve the game)

Documentation

- For both the activity a relation is requested with the modality of use of the application
 - The program should be a command line script with optional parameters
 - If external package are used they should be present in the final version of the project.