

ABSTRACT

Masters thesis: 111p., 13 fig., 13 tabl., 3 appendixes, 22 sources.

Object of study - computer vision systems.

Subject of research - metematychni model character recognition with photography.

Purpose - to develop algorithms and writing program that provides automobile registration plate recognition received for localized image.

The basic solution methods and their comparative performance. Developed and implemented effective recognition algorithm. The relevance of the project is motivated by the absence (or low popularity) similar applications on the market for mobile operating systems.

The results can be used as commercial organizations and enthusiasts who want to develop something similar.

LICENSE PLATE RECOGNITION SYSTEM, COMPUTER VISION, CONTOUR ANALYSIS, IMAGE SEGMENTATION, IMAGE BINARIZATION, OPTICAL CHARACTER RECOGNITION