

ABSTRACT

Bachelor's thesis: 84 p., 13 fig., 9 tabl., 2 appendixes, 20 sources.

The topic of the research: "Methodology of recognition texts images into separate characters from digital photos".

The review of existing methods of text recognition from digital images. Also was conducted a comparative analysis of all methods.

A decomposition of the problem and select the most effective methods and algorithms for OCR tasks.

A software for identify text from digital photographs. The paper presents the results of the program created in the sample images.

The methodology is implemented on the basis of already known algorithms and attracting the best libraries.

The software is implemented using programming language Java using text recognition library Tesseract and translating library Transltr. The ways of possible improvement of the methodology.

RECOGNIZE TUB CHARACTERS, TRANSLATING TE