Thesis 69 p., 26 fig., 6 Table, 2 applications, 7 sources.

The theme: Images perspective correction.

Bachelor thesis:

Object of research is represented by study of approaches perspectives in the images.

The subject of the study is system of correction of distortion perspectives in the images.

The purpose is to investigate approaches for correcting distortion prospects to identify their main advantages and disadvantages; write a program that implements its own modified algorithm.

The method of research is to use different algorithm for image processing.

Explanatory note consists of four sections. The first section contains of the analysis domain. The second section an algorithm for solving this problem. The third was a comparative analysis of existing analogues and described own software. The fourth section sheds light on the economic aspects of the project estimating the costs for software product development.

DISTORTED PERSPECTIVE CORRECTION SYSTEM, COMPUTER VISION, QUADRANGLE DISCHARGE ON IMAGE, HOMOGRAPHY