

ABSTRACT

This thesis project focuses on the study of methods of steganography, the analysis of the subject area, the development of an application for hiding and extracting text from images of various formats. In the thesis project the work of four steganographic methods has been demonstrated: LSB, Kutter-Jordan-Bossen, the method of expanding the palette and the method «Aitkazin», developed by me. The «Aitkazin» method is a combination of several methods that embodied the merits of the other three methods. In the economic part, an analysis of the feasibilities for commercializing the software products, is made, the possible costs for developing a graduation project are calculated, and the economic efficiency is calculated in the construction of the model. In the section of safety of vital activity, the optimum working conditions are determined, the calculation of ventilation in the room is made.