Topic 4. Development of a classification model for steganography methods using deep neural networks

Goal: The goal of this project is to develop a pattern classification model to identify the applied steganography method

Tasks:

STAGE 1 (08-23.02.2024)

A ready-made dataset of pictures is provided, encrypted with different steganography algorithms.

1. - Data analysis and visualization

2. - Data preprocessing

3. Classifier training based on deep neural networks

Stage 2 (02/24/2024-03/06/2024)

4. Demonstration of the operation of software that allows classifying steganography methods, presentation of the model/ensemble.