

## Project 1.

### Pixels modification:

- Conversion to grayscale
- Negation
- brightness editing
- contrast editing (exponentiation, roots)
- thresholding (just an arbitrary choice of threshold)
- histograms
- histograms modifications (normalization, equalization)
- projections

### Filters:

- Averaging
- Gaussian
- Sharpening (Laplacians)
- Edge detection (Roberts Cross)