PROJECT #3.

Lab. #07 _ Classification

Instructor: Dr. Ha Viet Uyen Synh.

Software: Python 3.6.3, Numpy, OpenCV, PyTorch

The MNIST database of handwritten digits, available from this page (http://yann.lecun.com/exdb/mnist/), has a training set of 60,000 examples, and a test set of 10,000 examples. The digits have been size-normalized and centered in a fixed-size image.

It is a good database for people who want to try learning techniques and pattern recognition methods on real-world data while spending minimal efforts on preprocessing and formatting.

1. Using PyTorch to write a program to recognize handwritten digits using the dataset above.

2. Check your program on the figure below

Digital Image Processing