Machine Learning 2017/18

Homework 2 due 31.10.2017 23:59

1. Download the dataset "Letter" from UCI repository.

2. Train a MLP for the classification of caracters using samples in the Dataset.
      You can use any system of your choice, Python is recomended

3. Perform a ten-fold validation to compute the average test error

4. Try different net architectures and compare results, you are supposed to achieve a hit rate of at least 90%

5. Write a pdf report of the work you have done with details about the sytem you used, the code you had to write, possibly a description of data preprocessing you needed, the experimental results, and whatever observation you think is relevant. Try to be schematic.

6. Hand a zip file named **MLHW2.*yourfirstname.yourlastname*** containing a *single* folder named as the zip file. The folder should contain the report, the code you have written and a file with the trained MLP.

Homework is personal.