Neural Networks II.

Problem

Happy/Sad Faces Detection using R-CNN

- Given 14 smiley images with a resolution of 256 x 256 pixels
  - 7 happy
  - 7 sad

- The goal is to train the network for proper detection

- There are few samples available!
- It usually works well when trained on thousands of images!

- We divide it randomly with a 70%/30% train/test ratio