



# IA353A - Neural Networks EFC3

Rafael Claro Ito  
(R.A.: 118430)

July 2020

# 1 Source files

The Jupyter notebook with the code used to generate the plots and results presented in this report, all figures showed here and even the  $\text{\LaTeX}$  source code used to generate this PDF can be found at the following GitHub repository:

<https://github.com/ito-rafael/IA353A-NeuralNetworks-1s2020>

## 2 Q5 - Autoencoder

### 2.1 1) Improving classes distribution

<https://colab.research.google.com/drive/1N7auSaSqYvORHTUK031ZfX4upoA38-hI?usp=sharing>

### 2.2 2) CIFAR-10 DAE

<https://colab.research.google.com/drive/1v21h-yZRa7xRA1TcpUQR-H2eVin16VGy?usp=sharing>