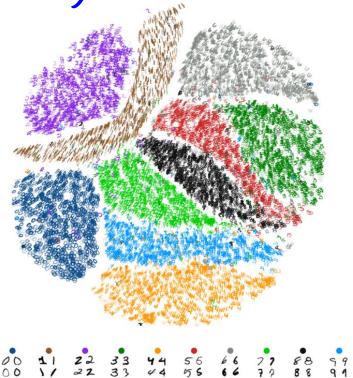
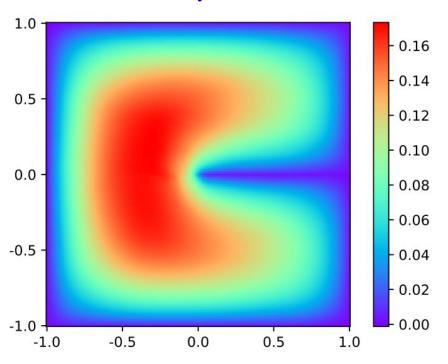
A Taste of Deep Learning through Python

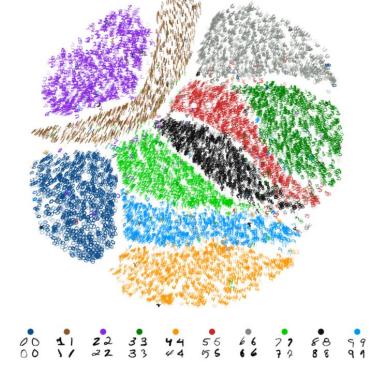
Summer 2022

Any relation between the two problems?

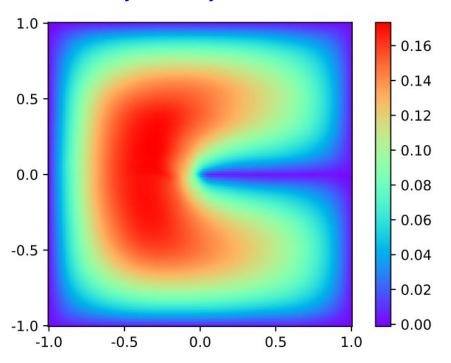




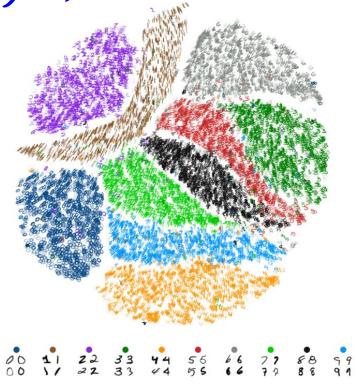
Classification Problem For Handwritings

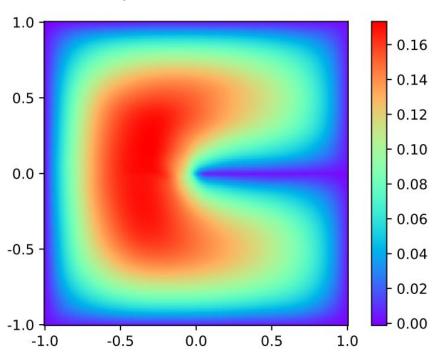


Boundary Value Problem On Physical System



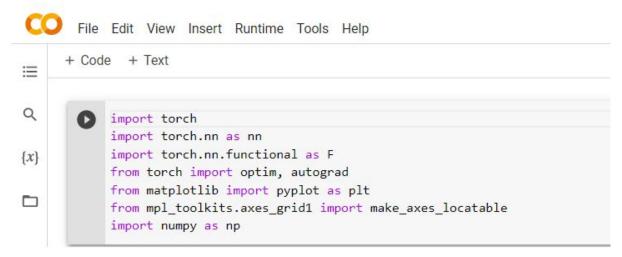
Yes, there are some colorings on both sides





What's more... Both problems can be tackled numerically in the "Deep Learning" approach with a Python Package called PyTorch

What to expect In the end of the workshop



(Well, we may tackle the two problems with PyTorch and the deeping learning approach after a brief introduction on linear regression, composition of functions and optimization)

Begin to code some deep learning programs with Python

