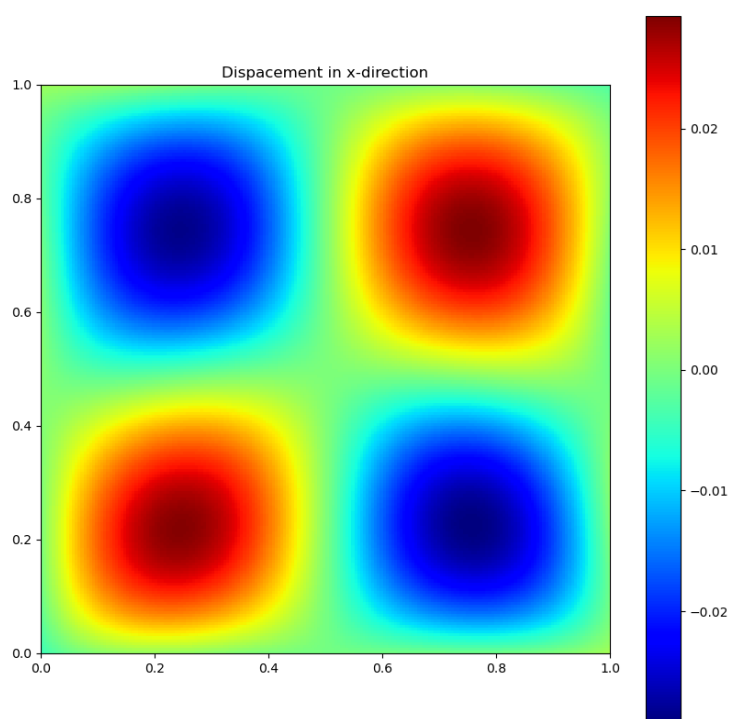# Assignment 7 Plots

Kulwinder Kaur
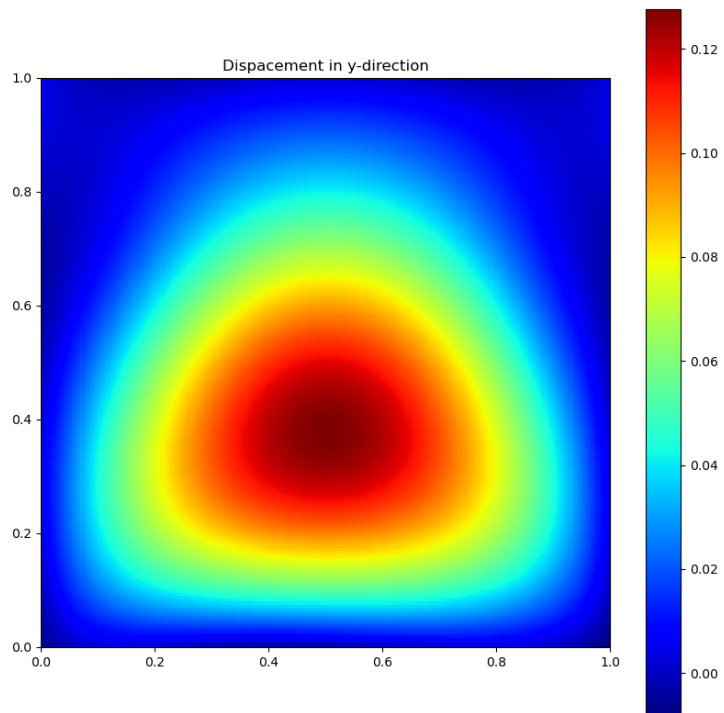
Assignment 7

Problem 1
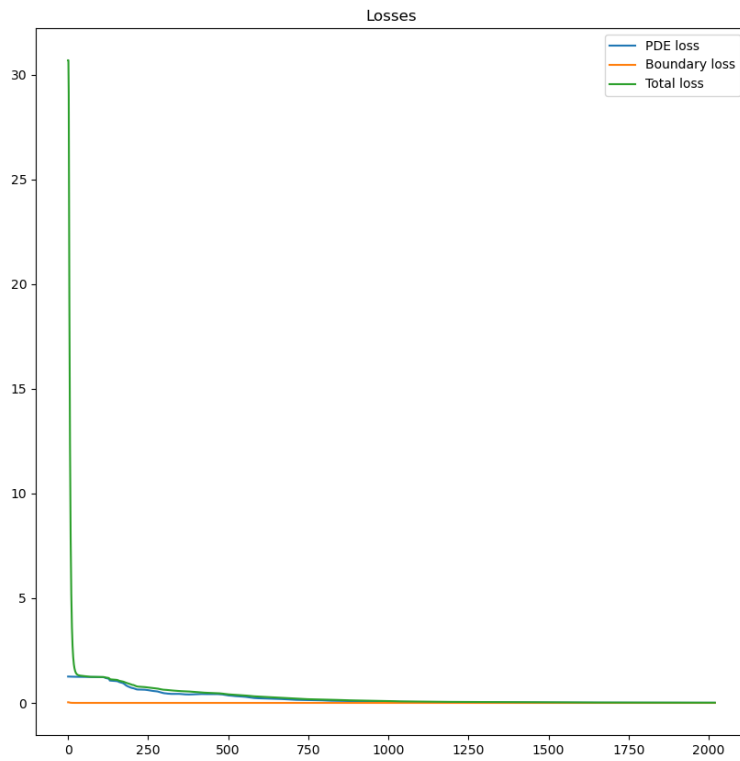
Problem 2

The figure shows the learned x-displacement.

Dispacement in y-direction
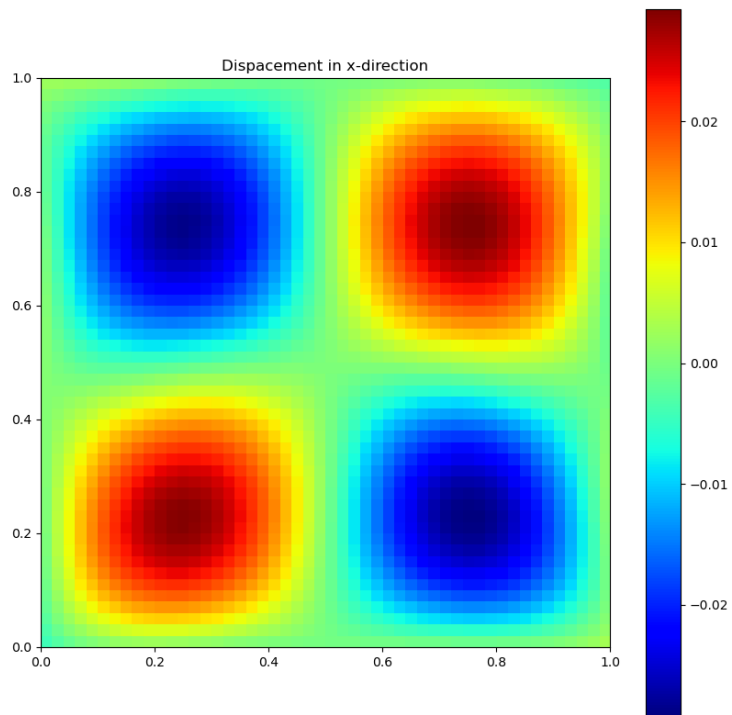
This shows the learned y-displacement.

Problem 3

This shows the boundary, pde and total loss as epochs increase.

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Problem 5

Dispacement in x-direction

This is the y-displacement as predicted by the network on the custom collocation points.

Dispacement in y-direction
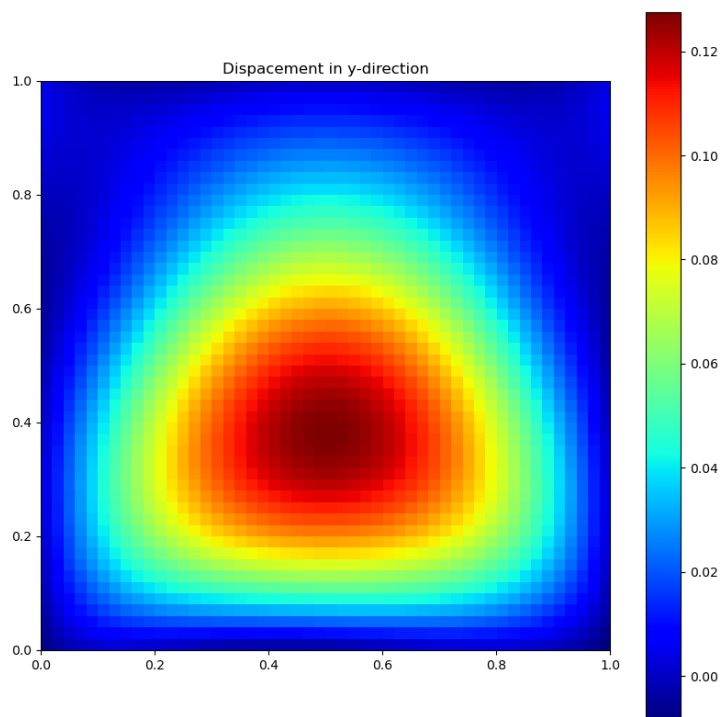
This is the x-displacement as predicted by the network on the custom collocation points.