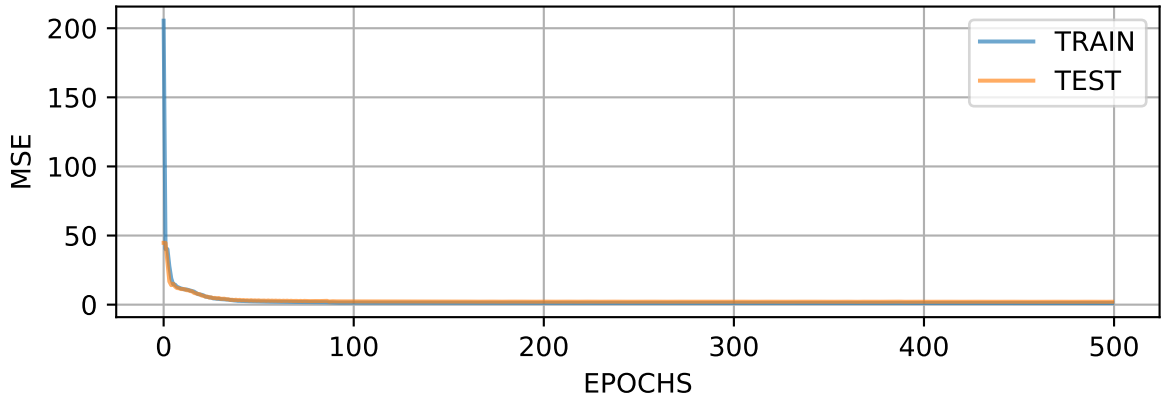


## MSE PER EPOCHS



## FINAL RESULTS AND PARAMETERS

OPTIMIZER:

Conjugate gradient descent

FINAL VALUES:

MSE TRAINING = 1.1705

MSE TEST = 2.1039

HYPERPARAMETERS:

Error goal = 0.0001

$\sigma_2 = 0.39373367045$

$\sigma_1 = 0.0001$

$\rho = 0.091253936959$

Max epoch = 500

$\beta = \text{hs}$

TOPOLOGY:

10 -> 16 -> 32 -> 2

ACTIVATIONS:

input -> sigmoid -> sigmoid -> identity