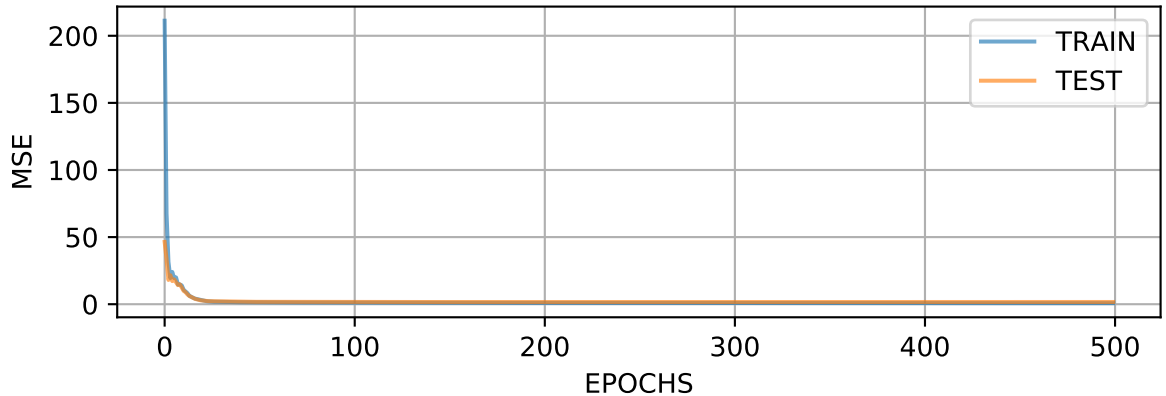


## MSE PER EPOCHS



## FINAL RESULTS AND PARAMETERS

OPTIMIZER:  
Stochastic gradient descent

FINAL VALUES:  
MSE TRAINING = 0.7843  
MSE TEST = 1.6596

HYPERPARAMETERS:  
Momentum = nesterov  
 $\lambda = 0.000974076192477$   
 $\eta = 0.08499567379$   
Regularization = l2  
 $\alpha = 0.79897658159$

TOPOLOGY:  
10 -> 16 -> 32 -> 2

ACTIVATIONS:  
input -> sigmoid -> sigmoid -> identity