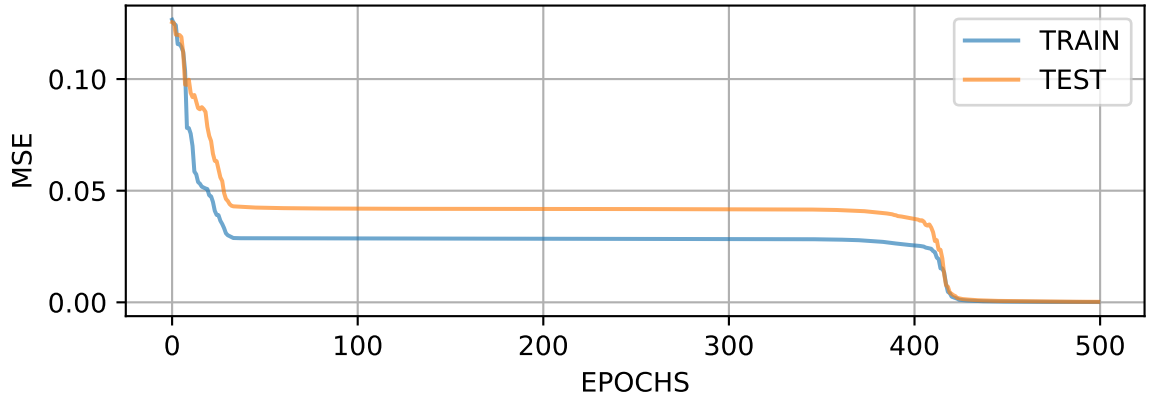


## MSE PER EPOCHS



## FINAL RESULTS AND PARAMETERS

OPTIMIZER:  
Conjugate gradient descent

FINAL VALUES:  
MSE TRAINING = 0.0001  
MSE TEST = 0.0002

HYPERPARAMETERS:  
Error goal = 0.0001  
 $\sigma_2 = 0.269577006006$   
 $\sigma_1 = 0.0001$   
 $\rho = 0.666081353978$   
Max epoch = 500  
 $\beta = \text{mhs}$

TOPOLOGY:  
17 -> 4 -> 8 -> 1

ACTIONS:  
input -> sigmoid -> sigmoid -> sigmoid