Training error and Test error for adam, no opt. Training Error adam **Network characteristics** Number of Hidden Layers: 1 Test Error adam 0.300 Units per Layer: 4 Training Error no opt Activation function: sigmoid Loss function: MSE Test Error no opt Batch size: 1 Learning Rate: 0.005 For optimizer: adam 0.200 β_1 : 0.9 β_2 : 0.999 ε: 1e-08 Regularization: elastic λ : 0.0009 Error α : 0.5 For optimizer: none **y** 0.100 Regularization: none 0.090 0.080 0.070 0.060 0.050 0.040 0 100 200 300 400 500 **Epochs**