$L^2$  norm of error with N=30 and  $\eta = 0.5$ 0.22 0.27 0.21 0.2 0.43 0.46 0.44 0.58 0.38 0.54 0.48 0.6 0.31 0.44 0.44 0.42 30 40 50 60

Number of hidden neurons

2

Number of hidden layers

 $\mathbf{\Omega}$