$L^2$  norm of error with N=30 and  $\eta = 0.1$ 0.0039 0.0042 0.004 0.0038 0.0039 0.0035 0.0065 0.0036 0.098 0.0036 0.0035 0.38 0.0035 0.0043 0.0036 0.0042

Number of hidden neurons

40

50

60

2

Number of hidden layers

 $\mathbf{\Omega}$ 

30