L^2 norm of error with N=30 and $\eta = 0.5$ 0.0095 0.01 0.0098 0.0087 Number of hidden layers 0.0095 0.0099 0.0089 0.011 0.0096 0.011 0.0099 0.0096 0.0084 0.0094 0.01 0.0094 $\mathbf{\Omega}$ 30 40 50 60

Number of hidden neurons