$L^2$  norm of error with N=60 and 3 hidden layers 0.01 0.027 0.027 0.027 0.028 0.05 0.026 0.025 0.025 0.026 0.026 0.025 0.025 0.025 0.025 0.024 0.024 0.025

20 30 40 50 Number of neurons in hidden layers