ADAPT QAOA 2L **QAOA** 1.2 5 Mean(Grad) Mean(Grad) 12 -12 1.1 1.0 3 0.9 2 8.0 0.7 0.6 0 0 100 25 50 75 0 20 40 60 Layers Layers ADAPT VQE 2L VQE Mean(Grad) Mean(Grad) 1.4 12 -12 1.5 1.2 1.0 1.0 0.5 8.0 0.0 2 5 6 100 200 300 400 3 0 4

Layers

Layers