ADAPT-VQE on H6, 3Å Bond Length, Spin-Adapted UCCSD Pool 10⁰ Error from Exact Diagonalization (a.u.) 10^{-1} 10^{-2} 10-3 Optimization that Mimics ADAPT BFGS Using Recycled Parameters BFGS Using 2000 Random Initializations 10^{-4} 10 5 15 20 25 30 35

Operators in Ansatz