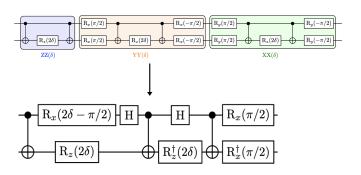
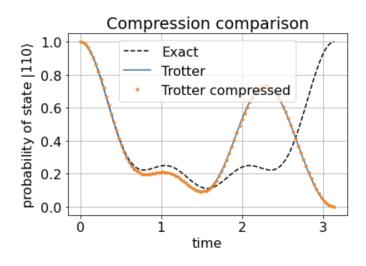
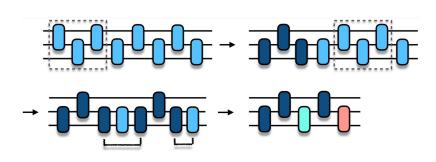
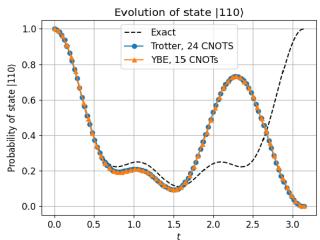
## Reduce the CNOTs



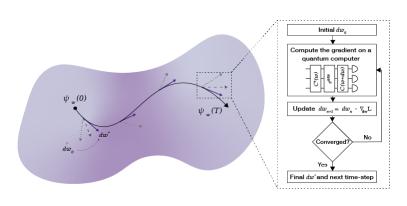


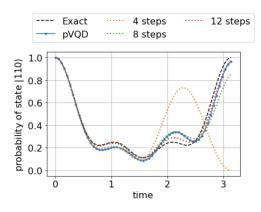
## Yang-Baxter Equivalence





## Projected Variational Quantum Dynamics





Error mitigation



