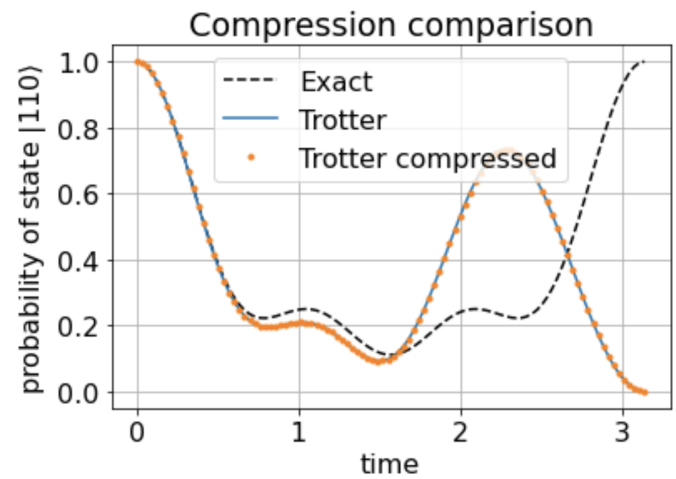
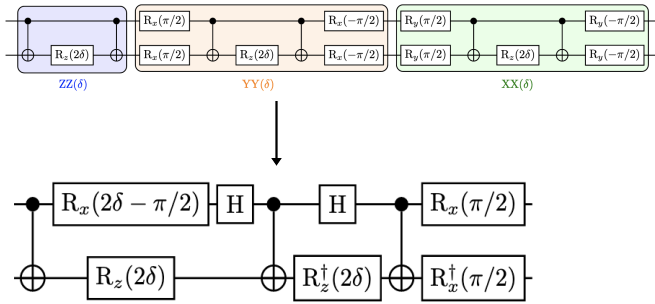
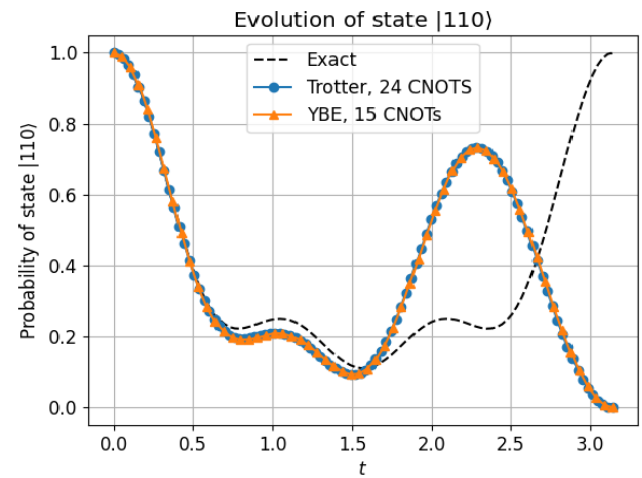
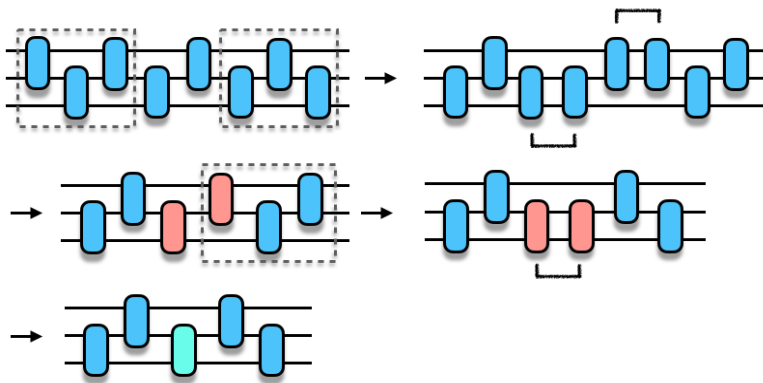


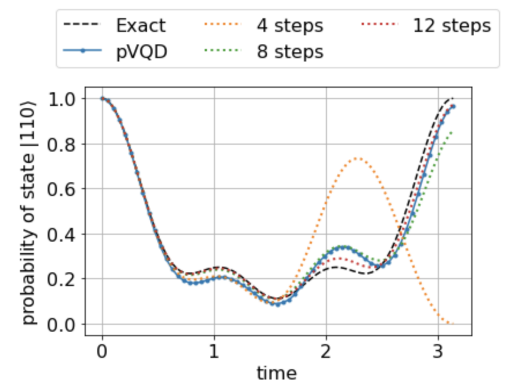
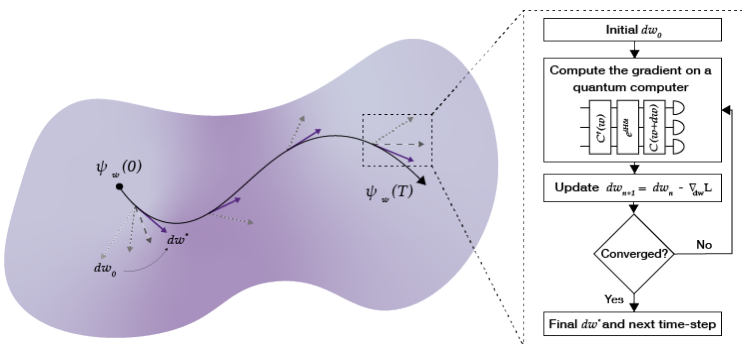
Reduce the CNOTs



Yang-Baxter Equivalence



Projected Variational Quantum Dynamics



Error mitigation

$$G \rightarrow GG^\dagger G$$

mitiq

```
# Print the final result
print('state tomography fidelity = {:.4f} \u00B1 {:.4f}'.format(np.mean(ibmq_fids), np.std(ibmq_fids)))
```

state tomography fidelity = 0.9004 ± 0.0126