

Trotter Error

- Trotter 4th Order
- Trotter 2nd Order
- Compressed U

10^{-1}

300

1000

5000

Two Qubit Gates ($\propto t$)

$t=0.5$

$t=1$

$t=0.5$

$t=1$

$t=2$

$t=4$

$t=2$

$t=4$

$t=0.5$

$t=1$

$t=2$

$t=4$

