

State indexing: $| \text{Transmon Gridium} \rangle$

"Typical" CPHASE has detuned red subspace which can be ignored.

↳ This system, under symmetric $|13\rangle \rightarrow |05\rangle$ and $|12\rangle \rightarrow |04\rangle$ coupling yields just a ZI gate

* Need asymmetric coupling from $| \text{Fluxonium Gridium} \rangle$

