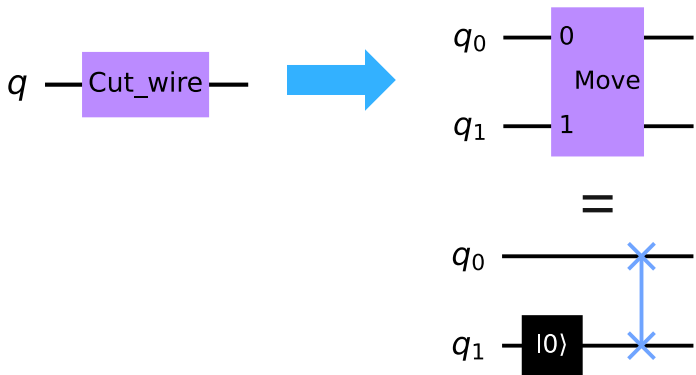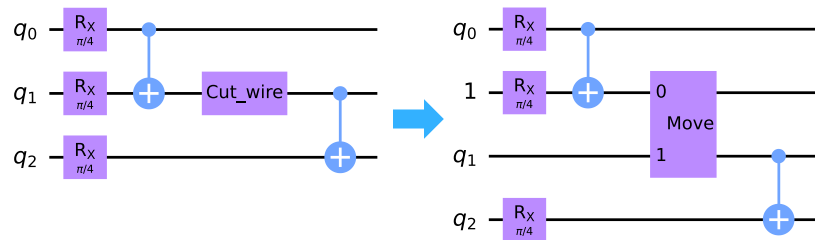# Quasiprobability decompositions for wire cutting

A cut wire can be represented as a single-qubit operation on that wire.

To realize on a device, it helps to think of a cut wire as a two-qubit "Move" operation, which moves the state of one qubit wire to another.

For example:

Then, the "Move" instruction can be cut following the same procedure as gate cutting.

(This unified procedure = "instruction cutting.")