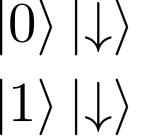


 $\longrightarrow |0\rangle |\uparrow\rangle$ $\longrightarrow |0\rangle |\downarrow\rangle$

CNOT



 $|0\rangle |\uparrow\rangle$

 $|1\rangle\,|\!\uparrow\!\rangle$



