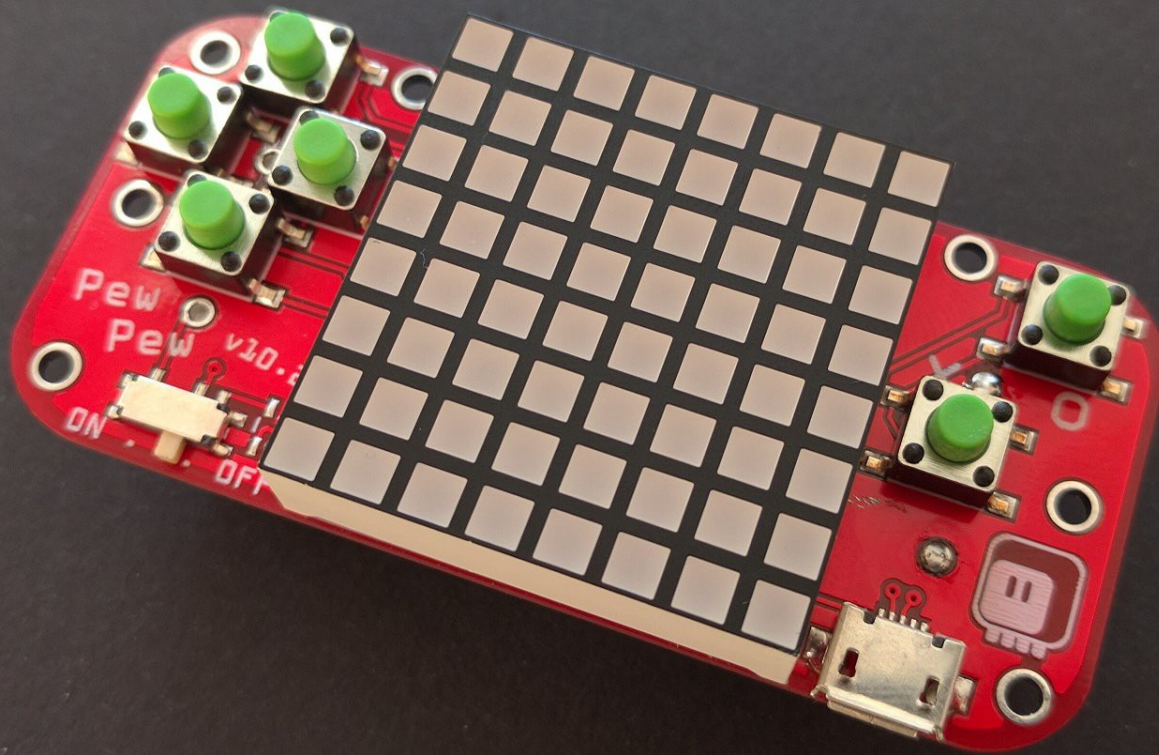


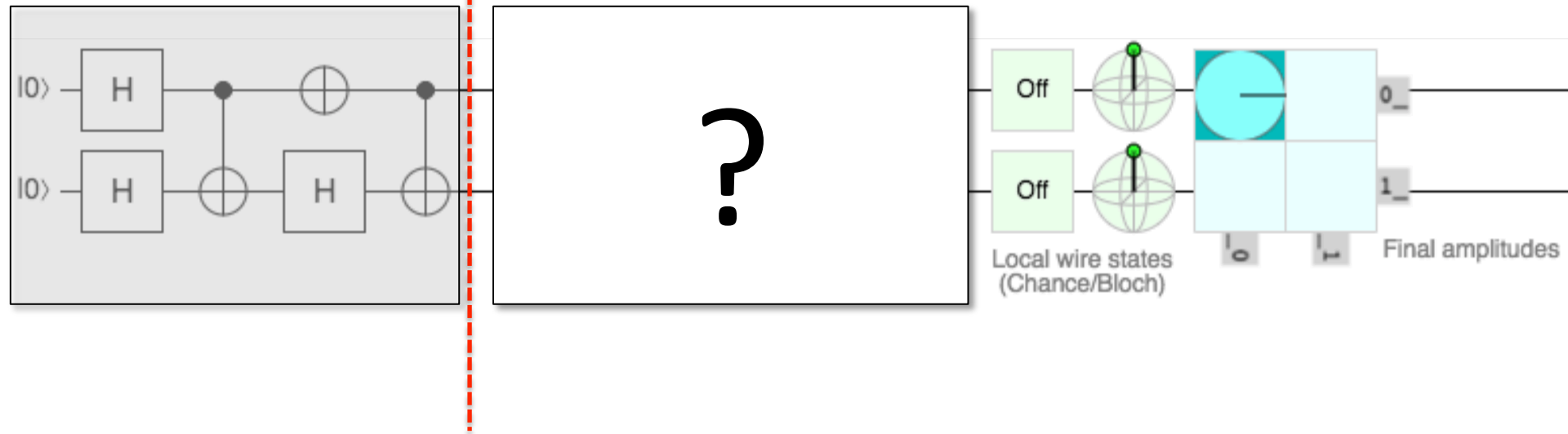
# PewPew-Qube



An educational quantum Rubik's cube for the PewPew!

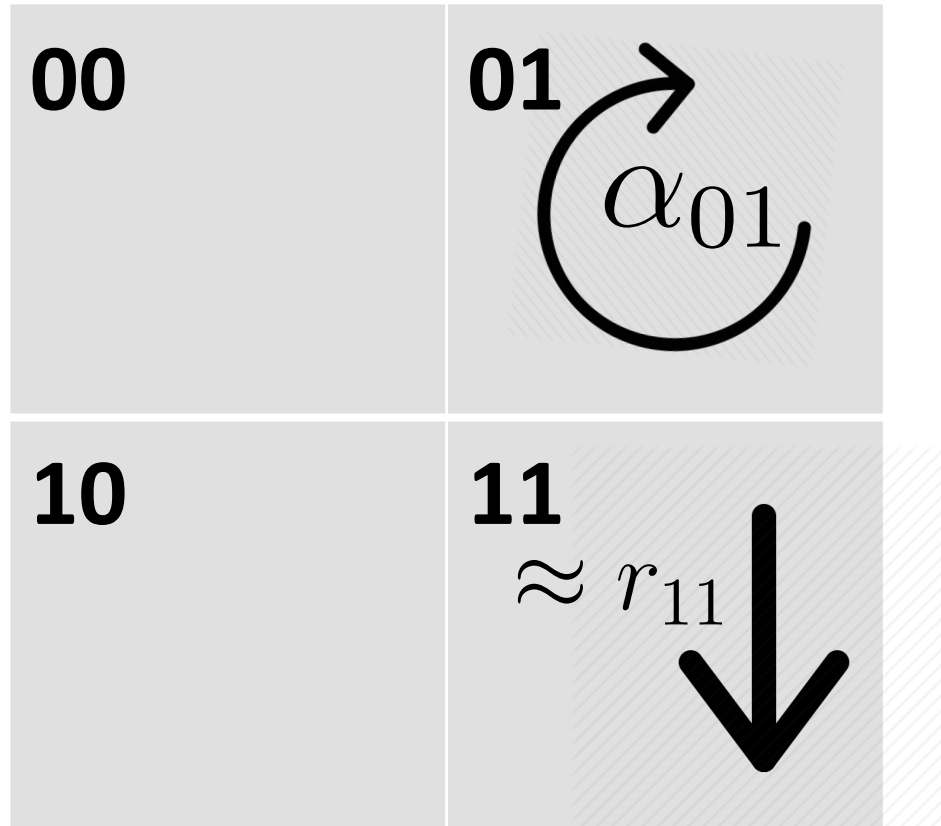
# Goal: Invert unknown random circuit

$|\psi\rangle$



# Representation: level 1-3

$$|\psi\rangle = r_{00}e^{i\alpha_{00}}|00\rangle + r_{01}e^{i\alpha_{01}}|01\rangle + r_{10}e^{i\alpha_{10}}|10\rangle + r_{11}e^{i\alpha_{11}}|11\rangle$$



# Representation: level 4

$$|\psi\rangle = r_{00}e^{i\alpha_{00}}|00\rangle + r_{01}e^{i\alpha_{01}}|01\rangle + r_{10}e^{i\alpha_{10}}|10\rangle + r_{11}e^{i\alpha_{11}}|11\rangle$$

