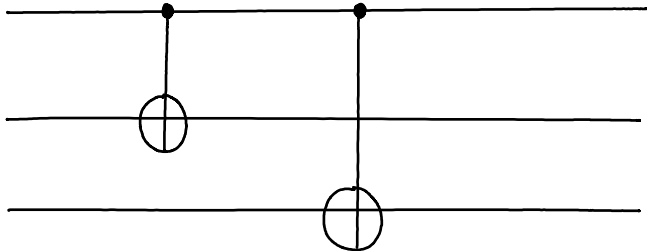


$$\alpha|0\rangle + \beta|1\rangle = |\psi\rangle$$

$|0\rangle$

$|0\rangle$



$$|\psi_L\rangle = \alpha|000\rangle + \beta|111\rangle$$