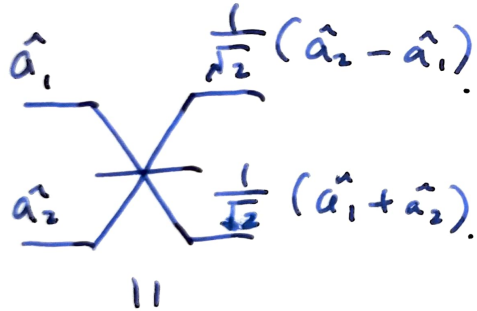


$$|1_L\rangle = |1,0\rangle$$

$$|0_L\rangle = |0,1\rangle$$



$$|1_L\rangle \rightarrow \frac{1}{\sqrt{2}}(|0,1\rangle - |1,0\rangle)$$

$$= \frac{1}{\sqrt{2}}(|0_L\rangle - |1_L\rangle)$$

$$|0_L\rangle \rightarrow \frac{1}{\sqrt{2}}(|0,1\rangle + |1,0\rangle)$$

$$= \frac{1}{\sqrt{2}}(|0_L\rangle + |1_L\rangle)$$