

1909) = 13 (OD) + OI) + OI)

1st Situation

Second qubit 
$$q_1 = |1\rangle$$

2nd Situation

first qubit  $q_0 = |0\rangle$ 

For free

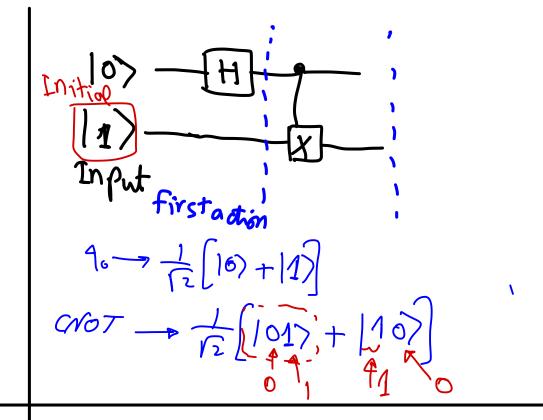
1-11)

$$|A_{0}A_{1}\rangle = \frac{1}{13} \left( \begin{vmatrix} a_{0} \\ a_{0} \end{vmatrix} + \begin{vmatrix} a_{1} \\ a_{1} \end{vmatrix} \right)$$

$$|A_{0}A_{1}\rangle = \frac{1}{13} \left( \begin{vmatrix} a_{0} \\ a_{0} \end{vmatrix} + \begin{vmatrix} a_{1} \\ a_{1} \end{vmatrix} \right)$$

$$|A_{0}A_{1}\rangle = \frac{1}{13} \left( \begin{vmatrix} a_{0} \\ a_{0} \end{vmatrix} + \begin{vmatrix} a_{1} \\ a_{1} \end{vmatrix} + \begin{vmatrix} a_{1} \\ a_{2} \end{vmatrix} \right)$$

$$\begin{array}{c}
|909_{1}\rangle = \sqrt{2} \left( |00\rangle + |11\rangle \right) \\
|60\rangle + |11\rangle \\
|60\rangle + |11\rangle \\
|60\rangle + |10\rangle \\
|70\rangle + |10\rangle \\
|70\rangle + |10\rangle \\
|70\rangle + |11\rangle \\$$

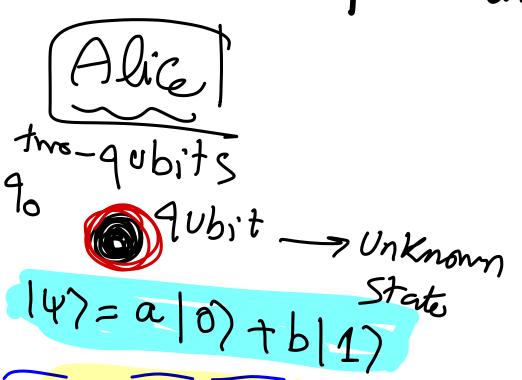


Input

Toput

$$\frac{1}{2} \left[ \frac{10}{2} - \frac{11}{2} \right]$$
 $\frac{1}{2} \left[ \frac{10}{2} - \frac{11}{2} \right]$ 
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## Quantum Teleportation protocol



Sell states 
$$\sqrt{2} \left(100\right) + |11\rangle$$

