

$$\begin{array}{lcl}
 \alpha |0\rangle + \beta |1\rangle & \text{---} \bullet \text{---} \bullet \text{---} & \\
 & | \quad | & \\
 |0\rangle & \text{---} \oplus \text{---} & \\
 & | & \\
 |0\rangle & \text{---} \oplus \text{---} &
 \end{array} \left. \vphantom{\begin{array}{l} \alpha |0\rangle + \beta |1\rangle \\ |0\rangle \\ |0\rangle \end{array}} \right\} \alpha |000\rangle + \beta |111\rangle$$