

$$\begin{array}{c}
 \text{+2} \\
 \curvearrowright \\
 |0000\rangle - |1111\rangle
 \end{array}$$

$$|1100\rangle - |0011\rangle$$

$$\begin{array}{c}
 \curvearrowleft \\
 \text{-2}
 \end{array}$$

$$|0001\rangle - |1110\rangle$$

$$|1101\rangle - |0010\rangle$$

$$\begin{array}{ccc}
 & \text{+2} & \\
 & \curvearrowright & \\
 |0000\rangle + |1111\rangle & & \\
 \text{+2} \curvearrowleft & & \curvearrowright \text{+2} \\
 |1100\rangle + |0011\rangle & & \\
 & \curvearrowleft & \\
 & \text{-2} &
 \end{array}$$

$$\begin{array}{ccc}
 & |0001\rangle + |1110\rangle & \\
 \text{+2} \curvearrowleft & & \curvearrowright \text{+2} \\
 & |1101\rangle + |0010\rangle &
 \end{array}$$