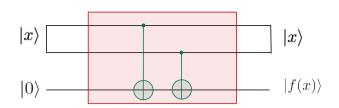
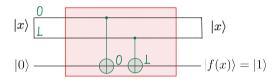


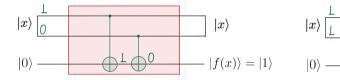
 $|1\rangle$ -

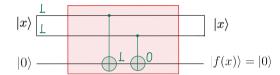
 $|1 \oplus f(x)\rangle = X |f(x)\rangle$

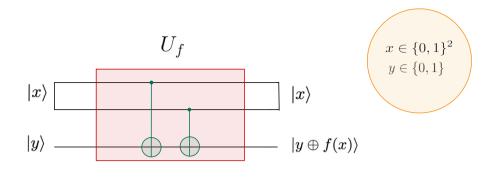


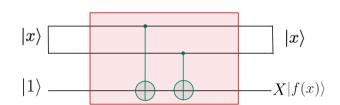


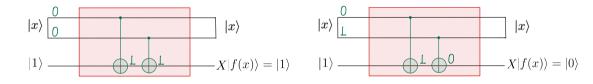


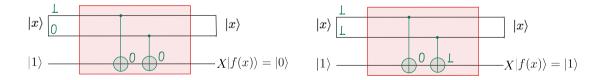


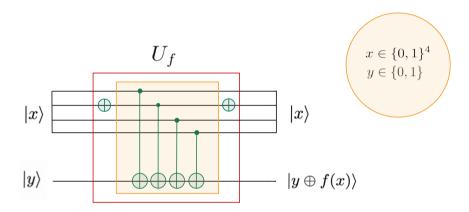


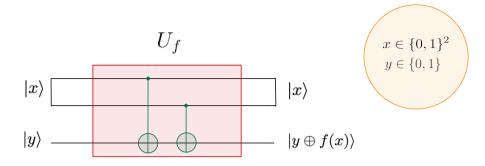












$$\int_{-\infty}^{\infty} |x|^{2} dx = \frac{1}{\sqrt{2}} |x|^{2} = \frac{1}$$

$$H(0) = \frac{1}{2} (10) + 11$$

$$H(11) = \frac{1}{2} (10) - 11$$

$$|Y_{\mu_{1}0}\rangle = \frac{1}{2} (-1)^{\frac{1}{2}} (102 + 112) + \frac{1}{2} (-1)^{\frac{1}{2}} (102 - 112)$$

$$= \frac{1}{2} (-1)^{\frac{1}{2}} (102 + 112) + \frac{1}{2} (-1)^{\frac{1}{2}} (102 - 112)$$

$$= \frac{1}{2} (-1)^{\frac{1}{2}} (102 + 112) + \frac{1}{2} (-1)^{\frac{1}{2}} (102 - 112)$$

$$= \frac{1}{2} (-1)^{\frac{1}{2}} (102 + 112) + \frac{1}{2} (-1)^{\frac{1}{2}} (102 - 112)$$

$$= \frac{1}{2} (-1)^{\frac{1}{2}} (102 + 112) + \frac{1}{2} (-1)^{\frac{1}{2}} (102 - 112)$$

$$= \frac{1}{2} (-1)^{\frac{1}{2}} (102 + 112) + \frac{1}{2} (-1)^{\frac{1}{2}} (102 - 112)$$

$$= \frac{1}{2} (-1)^{\frac{1}{2}} (102 - 112) + \frac{1}{2} (102 - 112)$$

$$= \frac{1}{2} (-1)^{\frac{1}{2}} (102 - 112) + \frac{1}{2} (102 - 112)$$

$$= \frac{1}{2} (-1)^{\frac{1}{2}} (102 - 112) + \frac{1}{2} (102 - 112)$$

$$= \frac{1}{2} (-1)^{\frac{1}{2}} (102 - 112) + \frac{1}{2} (102 - 112)$$

$$H(X) = \frac{1}{\sqrt{2}} (10) + (-1)^{2} (1)$$

$$(-1)^{2} = 1$$

$$= (+)$$

$$X = \uparrow : \qquad \begin{cases} -1 \\ 1 \end{cases} = \frac{1}{2} \left(|0\rangle - |1\rangle \right)$$

$$|X\rangle = \langle x_1 \times x_2 \times x_3 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_2 \times x_3 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_2 \times x_3 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_2 \times x_3 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_2 \times x_3 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_2 \times x_3 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_2 \times x_3 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_2 \times x_3 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_2 \times x_3 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_2 \times x_3 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_2 \times x_3 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_2 \times x_3 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_2 \times x_3 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_2 \times x_3 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_2 \times x_3 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_2 \times x_3 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_2 \times x_3 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_2 \times x_3 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_4 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_4 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_4 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_4 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_4 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_4 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_4 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_4 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_4 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_4 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_4 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_4 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_4 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_4 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_4 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_4 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_4 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_4 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_4 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_4 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_4 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_4 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_4 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_4 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_4 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_4 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_4 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_4 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_4 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_4 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_4 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_4 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_4 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_4 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_4 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_4 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_4 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_4 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_4 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_4 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_4 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_4 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_4 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_4 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_4 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_4 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_4 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_4 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_4 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_4 \times x_4 \rangle$$

$$|X\rangle = \langle x_1 \times x_4 \times x_4 \rangle$$

$$|X\rangle$$

1=2

10> = (0,0,0, ---, 0)

