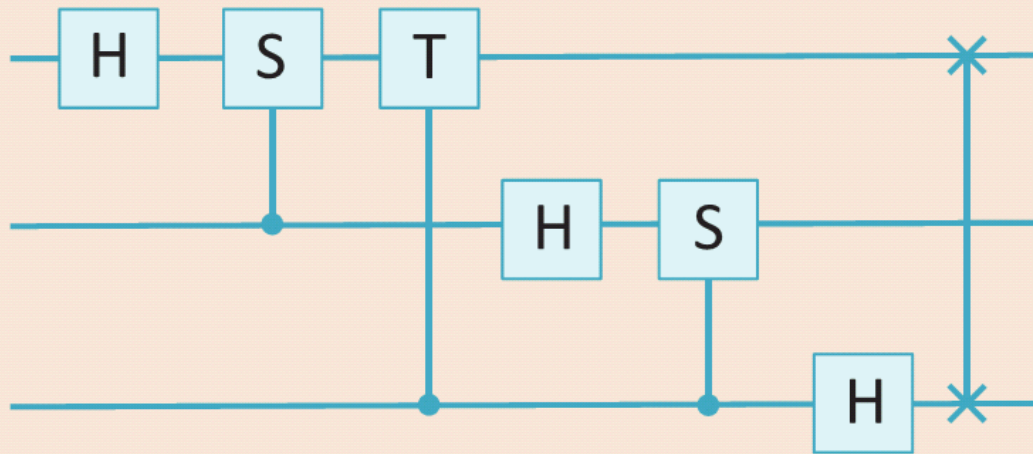


QFT



$\boxed{S} \quad \begin{pmatrix} 1 & 0 \\ 0 & i \end{pmatrix}$

$\boxed{T} \quad \begin{pmatrix} 1 & 0 \\ 0 & e^{i\pi/4} \end{pmatrix}$