

(a)

$$\text{CNOT} \left(R_x\left(\pm\frac{\theta}{2}\right) \right) = \left(\tau \begin{array}{c} \pi \\ \text{pulse} \end{array} 2\tau \begin{array}{c} \pi \\ \text{pulse} \end{array} \tau \right)^{N/2}$$

