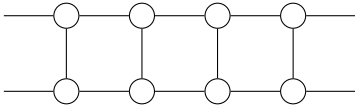
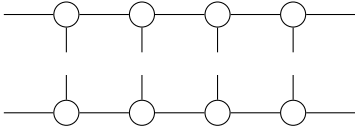


using tikz to draw some figure for tensor network

dywu

April 19, 2023

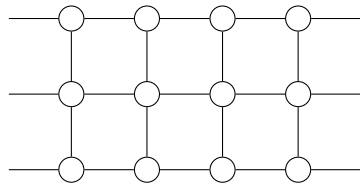
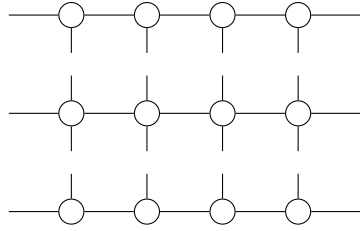
$$\mathbf{1} \quad \langle \Psi | \Psi \rangle = (T^* T)^M = LR$$



$$\left( \begin{array}{c} \text{---} \bigcirc \text{---} \\ | \\ \text{---} \bigcirc \text{---} \end{array} \right)^M$$

$$L \left[ \begin{array}{c} \bigcirc \\ | \\ \bigcirc \end{array} \right] R$$

**2**     $\Psi^\dagger \hat{H} \Psi$



**3**     $\Psi^\dagger \hat{H}_2 \Psi$

