

Toric code

Cluster state

0.25

$$\begin{array}{|c|} \hline Z \\ \hline Z \quad Z \\ \hline Z \\ \hline \end{array} = 1$$

0.75

p_K

Deconfining
(Topological phase)

Higgs
(SPT phase)

Confining
(Trivial phase)

0.5

$$\begin{array}{|c|} \hline X \\ \hline X \quad X \\ \hline X \\ \hline \end{array} = 1$$

Product state

$$\begin{array}{|c|} \hline X \\ \hline X \quad X \\ \hline X \\ \hline \end{array} = 1$$

p_J

$$\begin{array}{|c|} \hline Z \quad Z \quad Z \\ \hline Z \quad Z \quad Z \\ \hline Z \quad Z \quad Z \\ \hline \end{array} = 1$$

