

$$\psi \left(\begin{array}{c} \uparrow \\ \bullet \end{array} \begin{array}{c} \uparrow \\ \bullet \end{array} \begin{array}{c} \downarrow \\ \bullet \end{array} \begin{array}{c} \downarrow \\ \bullet \end{array} \right) \rightarrow \mathbb{C}$$