

$$\left(\begin{array}{c} \uparrow \\ 2 \\ \downarrow \end{array} \right) = \left(\begin{array}{c} \uparrow \\ 1 \\ \downarrow \end{array} \right) \neq \left(\begin{array}{c} \uparrow \\ 2 \\ \downarrow \end{array} \right) = \left(\begin{array}{c} \uparrow \\ 1 \\ \downarrow \end{array} \right)$$