

$$\sigma_i = \begin{array}{c} \uparrow \quad \uparrow \quad \dots \quad \begin{array}{c} \nearrow \quad \nwarrow \\ \nwarrow \quad \nearrow \end{array} \quad \uparrow \quad \uparrow \\ i \quad i+1 \end{array}$$

$$\sigma_i^{-1} = \begin{array}{c} \uparrow \quad \uparrow \quad \dots \quad \begin{array}{c} \nwarrow \quad \nearrow \\ \nearrow \quad \nwarrow \end{array} \quad \uparrow \quad \uparrow \\ i \quad i+1 \end{array}$$

$$\alpha \cdot \beta = \begin{array}{c} \uparrow \quad \uparrow \\ \boxed{\beta} \\ \hline \boxed{\alpha} \\ \downarrow \quad \downarrow \end{array}$$