

$$C_4 \sigma \left( \begin{array}{ccc} 1 & \cdot & 4 \\ \square & & \\ 2 & \cdot & 3 \\ & \cdot & \end{array} \right) = C_4 \left( \begin{array}{ccc} 4 & & 1 \\ \square & & \\ 3 & & 2 \end{array} \right) = \begin{array}{ccc} 1 & & 2 \\ \square & & \\ 4 & & 3 \end{array}$$

$$\sigma C_4 \left( \begin{array}{ccc} 1 & & 4 \\ \square & & \\ 2 & & 3 \end{array} \right) = \sigma \left( \begin{array}{ccc} 4 & \cdot & 3 \\ \square & & \\ 1 & \cdot & 2 \end{array} \right) = \begin{array}{ccc} 3 & & 4 \\ \square & & \\ 2 & & 1 \end{array}$$