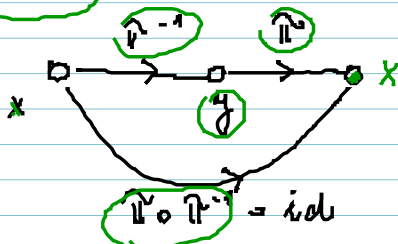


Nějné permutace $\hat{\pi} = \begin{pmatrix} 1 & 2 & 3 & 4 & 5 & 6 \\ 3 & 4 & 5 & 1 & 2 & 6 \end{pmatrix}$.

Nalezněte inverzní permutaci $\hat{\pi}^{-1}$.

Plati: $\hat{\pi} \circ \hat{\pi}^{-1} = \hat{\pi}^{-1} \circ \hat{\pi} = \text{id}$



$$x \xrightarrow{\hat{\pi}} y \iff y \xrightarrow{\hat{\pi}^{-1}} x$$

$$\hat{\pi}^{-1} = \begin{pmatrix} 1 & 2 & 3 & 4 & 5 & 6 \\ 4 & 5 & 1 & 2 & 3 & 6 \end{pmatrix}$$

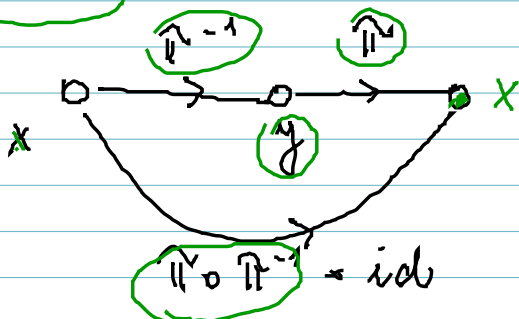
$$\hat{\pi} \circ \hat{\pi}^{-1} = \begin{pmatrix} 1 & 2 & 3 & 4 & 5 & 6 \\ 1 & 2 & 3 & 4 & 5 & 6 \end{pmatrix} = \text{id}$$

$$\hat{\pi}^{-1} \circ \hat{\pi} =$$

Mějme permutaci $\hat{\pi} = \begin{pmatrix} 1 & 2 & 3 & 4 & 5 & 6 \\ 3 & 4 & 5 & 1 & 2 & 6 \end{pmatrix}$.

Nalezněte inverzní permutaci $\hat{\pi}^{-1}$.

Platí: $\hat{\pi} \circ \hat{\pi}^{-1} = \hat{\pi}^{-1} \circ \hat{\pi} = \text{id}$



$$x \xrightarrow{\hat{\pi}} y \Leftrightarrow y \xrightarrow{\hat{\pi}^{-1}} x$$

$$\hat{\pi}^{-1} = \begin{pmatrix} 1 & 2 & 3 & 4 & 5 & 6 \\ 4 & 5 & 1 & 2 & 3 & 6 \end{pmatrix}$$

$$\hat{\pi} \circ \hat{\pi}^{-1} = \begin{pmatrix} 1 & 2 & 3 & 4 & 5 & 6 \\ 1 & 2 & 3 & 4 & 5 & 6 \end{pmatrix} = \text{id}$$

$$\hat{\pi}^{-1} \circ \hat{\pi} =$$