

$$\begin{bmatrix} n_x(n_y - 1) & n_x(n_y - 1) + 1 & \cdots & n_x n_y - 1 \\ \vdots & \vdots & \ddots & \vdots \\ 2n_x & 2n_x + 1 & \cdots & 3n_x - 1 \\ n_x & n_x + 1 & \cdots & 2n_x - 1 \\ 0 & 1 & \cdots & n_x - 1 \end{bmatrix}$$