

$$(x_{ij})_{i,j} = \begin{pmatrix} x_{00} & x_{01} \\ x_{10} & x_{11} \\ x_{20} & x_{21} \end{pmatrix}$$



$$[x_k]_k = [x_{00}, x_{01}, x_{10}, x_{11}, x_{20}, x_{21}]$$

$$k = i + n\,j$$