

$$\mathbf{A}^T = \begin{bmatrix} a_{00} & a_{10} & a_{20} \\ a_{01} & a_{11} & a_{21} \\ a_{02} & a_{12} & a_{22} \\ a_{03} & a_{13} & a_{23} \\ a_{04} & a_{14} & a_{24} \end{bmatrix}$$