

$$\begin{pmatrix} a & b \\ c & d \end{pmatrix}$$

$$\begin{vmatrix} a & b \\ c & d \end{vmatrix}$$

$$\left\| \begin{vmatrix} a & b \\ c & d \end{vmatrix} \right\|$$

$$\begin{pmatrix} a_{11} & a_{12} & \cdots & a_{1n} \\ a_{21} & a_{22} & \cdots & a_{2n} \\ \vdots & \vdots & \ddots & \vdots \\ a_{n1} & a_{n2} & \cdots & a_{nn} \end{pmatrix}$$

$$\left(\begin{array}{cc|c} a_{11} & a_{12} & b_1 \\ a_{21} & a_{22} & b_2 \end{array} \right)$$