

$$\det \begin{bmatrix} a_{22} & a_{23} \\ a_{32} & a_{33} \end{bmatrix}$$

$$\det \begin{bmatrix} a_{21} & a_{23} \\ a_{31} & a_{33} \end{bmatrix}$$

$$\det \begin{bmatrix} a_{21} & a_{22} \\ a_{31} & a_{32} \end{bmatrix}$$

$$\begin{bmatrix} a_{11} & a_{12} & a_{13} \\ a_{21} & \boxed{a_{22} \quad a_{23}} \\ a_{31} & \boxed{a_{32} \quad a_{33}} \end{bmatrix}$$

$$\begin{bmatrix} a_{11} & a_{12} & a_{13} \\ \boxed{a_{21}} & a_{22} & \boxed{a_{23}} \\ \boxed{a_{31}} & a_{32} & \boxed{a_{33}} \end{bmatrix}$$

$$\begin{bmatrix} a_{11} & a_{12} & a_{13} \\ \boxed{a_{21} \quad a_{22}} & & a_{23} \\ \boxed{a_{31} \quad a_{32}} & & a_{33} \end{bmatrix}$$