

$$\left\{ \begin{array}{l} a_{11} \left( a_{21} a_{31} + a_{22} a_{31} + a_{21} a_{33} \right) = 0, a_{22} \left( a_{11} a_{32} + a_{12} a_{32} + a_{12} a_{33} \right) = 0, a_{33} \left( a_{13} a_{22} + a_{11} a_{23} + a_{13} a_{23} \right) = 0, a_{11} a_{22} a_{33} + \end{array} \right.$$