

$$\begin{aligned}
 D &= \begin{vmatrix} 1 & 2 & 3 & 4 \\ 5 & 6 & 7 & 8 \\ 9 & 10 & 11 & 12 \\ 13 & 14 & 15 & 16 \end{vmatrix}, \quad \text{则 } D_1 = \underbrace{\begin{vmatrix} 9 & 10 & 11 & 12 \\ 5 & 6 & 7 & 8 \\ 1 & 2 & 3 & 4 \\ 13 & 14 & 15 & 16 \end{vmatrix}}_{\text{对 } D \text{ 做 } 1, 3 \text{ 行互换得来}} = -D
 \end{aligned}$$