minor Mij the determinance of submotive does not include the kop and column of dij
Use cotactor Expansion to find determinants
for matrix $A = \begin{bmatrix} \alpha_{1} & & \alpha_{1} \\ \vdots & \ddots & \vdots \\ \alpha_{1} & & \alpha_{m} \end{bmatrix}$
along rowl, det(A) = ali C11 + ali C12 + + alin C1n
along column : $\det(A) = a_{11}c_{11} + a_{21}c_{21} + + a_{n1}c_{n1}$ = $a_{11}M_{11} - a_{21}M_{21} + + (-1)^{(1+n)}a_{n1}M_{n1}$
Use cotactor to find the inverse of matrix

$$A^{-1} = \frac{1}{\det A} C^{T} \qquad A \text{ is nxn motive}$$

$$C \text{ is the motive of cofactors of element in } A$$

$$Cg. \text{ find the inverse of } A = \begin{bmatrix} a_{11} & a_{12} \\ a_{21} & a_{22} \end{bmatrix}$$

$$C = \begin{bmatrix} a_{12} & -a_{21} \\ -a_{12} & a_{11} \end{bmatrix} \qquad A^{-1} = \frac{1}{a_{11}a_{22}-a_{12}a_{21}} \begin{bmatrix} a_{22} & -a_{21} \\ -a_{12} & a_{11} \end{bmatrix}$$