-9-

Aij = (-1) ît j. Mij depetueme algebraicare algebraicare odyanadarpee chemenson aij

mysme sant mecienne partale/2t puer voylmerlemé Flegr wehre l'flej trolumy.

 $A_{11} = (-1)^{11/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}^{2/2} |_{1/2}$

 $AB = (-1)^{H3} | -1 | 2 | = -5$

Azr = (-1)2+1 | 3 2 |= -1

 $A_{22} = (-1)^{2+2} \begin{vmatrix} 1 & 2 \\ 2 & 1 \end{vmatrix} = -3$

 $A_{23} = (-1)^{2+3} \begin{vmatrix} 1 & 3 \\ 2 & 1 \end{vmatrix} = 5$

A31=(-1)3+1/32/=-4

A32=(-1)3+2 | 1 2 | = 2

 $A_{33} = (-1)^{3+3} \begin{vmatrix} 1 & 3 \\ -1 & 2 \end{vmatrix} = 5$

$$[Aij] = \begin{bmatrix} 2 & 1 & -5 \\ -1 & -3 & 5 \\ -4 & -2 & 5 \end{bmatrix}$$

 $[Aij] = \begin{bmatrix} 2 & -1 & -4 \\ 1 & -3 & -2 \\ -5 & 5 & 5 \end{bmatrix}$

(3) Capricación +1 A= 2 + (Ai) = -4. [2 -1 -4] = [-2 -4 + 5] = [-2 -4 -5] = [-3 -2] = [-4 -5 -1] = [-5 -5] = [-7 -1 Sprondrevie: $A \cdot A^{-1} = \dots = \underline{I}_{3} \quad (cw)$ Romania macinare 1) Rolmanie AX=B, gane Ac Muxu, Be Mpxn, detAto une doluadure jedno vousigneme: X=A¹B) (Xe Muxp) Anologianie: 2) XA=B, AEMuxy, BEMpxn, detAtO [X=BA] (XEMpxn) 3) AXB=C, AcMuxu, BcMpxp, CcMuxp delA, delB=0 X=AMCBM (XEMuxp) Urosadmienie 1): AX=B/A/ (kieżdig strong rodmenia mnozymy pnez A/-igm. 2 201. Lewostrolnize AAX=A-B A"A=I (2 def) $X = A^{T}B$ IX=X (mec. jedustkova mor)