A = ( 1 2 3 4 2 -1 5 6 3 5 1 9 4 6 7 -1

A = (0 2 3 4 )
-2 0 5 6
-3 -5 0 7
-4 -6 -7 0)

A = (0 -2 -3 -4)
2 0 -5 -6
3 5 0 -7
4 6 7 0)

 $V_{2} = \begin{pmatrix} 1 & 0 & 1 \\ 0 & 1 & 0 \\ 0 & 1 & 0 \end{pmatrix}$  or maximum under undergrave or  $V_{-1} = \begin{pmatrix} 1 & 1 & 1 \\ 0 & 1 & 0 \\ 1 & 1 & 0 \end{pmatrix}$ 

A-1A = ( 1 0 0 0 0 1 ) = I3

A = ( | Z 3 )

V + T ( 1 -5 1

 $A\,A^{\frac{1}{6}} = \, \frac{1}{2} \left( \begin{array}{ccc} z & -z & 1 \\ z & 1 & -z \\ z & 1 & -z \\ \end{array} \right) \, \frac{z}{l} \, \left( \begin{array}{ccc} 1 & -z & z \\ -z & 1 & z \\ z & z & 1 \\ \end{array} \right) \, = \, \frac{1}{4} \, \left( \begin{array}{ccc} 0 & 0 & 0 \\ 0 & 4 & 0 & 0 \\ 0 & 0 & 0 \\ \end{array} \right) = \, I^{*} \, ,$ 

A = (12 ) 8 · (13)

 $A^{-1} = -\frac{1}{6} \begin{pmatrix} b & -2 \\ -3 & 1 \end{pmatrix} \quad b^{-1} = \frac{1}{3} \begin{pmatrix} 0 & -3 \\ 1 & 1 \end{pmatrix}$ (AB)"+ - 1 (21-3)