```
4 pole 7. 85
Bernop - 2000 us an terri angust was buser 1×N u N×1.
Reburopour mone pusu gues bermopol, y geners occober 6 per mes-
ter gustions terto A.B
Robinopeur, occión sterrinstern ypereur fuy bour, tera u purcur p,
Q = (4, S, 6)
 You prome us moust.
 5.8= (U.S, S.S. 6.8) = (32,40,48)
 Be emobileer uperbegeter:
8 = (2, 4, 3)
5.8 = (2.3-6.4) - (4.3-6.2) + (4.4-8.2) =
= (15-24)-(12-12)+(16-10)=(-9,06)
 Pepeu monurer la concupor de Nu Not:
Q= (7,8,9)
$ (8)
 Q . to = 7.9+8.8+9.7=63+64+65=190
 8.5 = C => C1 = Q11 · 611 = 7.9 = 64
             C12 = Q11. B12 = 7.8 = 56
            C13 = Q11 - 613 = 7.7249
             Cz 2821.811 = 8.9 = 72
             C22 2 921 . bie 28.8 = 64
             C23 2021.613 -8.7 286
             Cm = 0,31. 611 = 9.9 = 81
```

B Pythou un apamopus enues chas monerus. Mas ecuns 6 paisses.

C32 = 931. 612 = 9.8 = 72

Cap = 831.613=9.7=65

Boshur (5 E)-1, res E - equitanteres auguspures portur pos 5×5 lust a 6 otortion yperburhurs, more impures morphisms y source partir y godsburius a musical nost parquetum, momo partires burn mise on 5. Ecua 5 boshurius 36 cuodan, mo $5^{-1} = \frac{1}{5^{-1}} = >$

(SZ) Burrowww ou pegenument

= -48-72 + 84 + 636 = 60

Quiben: 1 = 60

A = 4 0 6

objestmens monthers commences no populyus: A-1 = A * / SA,

A* - who + cuotupobottes augupus of methodiscrecier gour hours

e) Bupournoi zosporo uno no cruencismo on persumeno:

BA=60 2) Crumsen manipuls another cure government - Dune, coscubetho, manipuls untropol, yurtermethers has $(-1)^{1+3}$ of $-9.9-6.8=-48 \Rightarrow A_{*44}=(-1)^{1+3}\cdot(-48)=-48$ $M_{*1}=\begin{vmatrix} 0 & b \\ 8 & 9 \end{vmatrix}=0.9-6.8=-48 \Rightarrow A_{*44}=(-1)^{1+3}\cdot(-48)=-48$ $M_{*2}=\begin{vmatrix} 4 & b \\ 1 & 9 \end{vmatrix}=4.9-6.7=36-42=-6 \Rightarrow A_{*42}=(-1)^{1+3}\cdot(-6)=6$ $M_{*3}=\begin{vmatrix} 4 & b \\ 4 & 9 \end{vmatrix}=4.8-0.7=32 \Rightarrow A_{*43}=(-1)^{1+3}\cdot32=32$ $M_{*3}=\begin{vmatrix} 2 & 3 \\ 4 & 9 \end{vmatrix}=18-24=-6 \Rightarrow A_{*21}=(-1)^{1+3}\cdot(-6)=6$ $M_{*21}=\begin{vmatrix} 2 & 3 \\ 8 & 9 \end{vmatrix}=18-24=-6 \Rightarrow A_{*22}=(-1)^{2+3}\cdot(-6)=6$ $M_{*21}=\begin{vmatrix} 2 & 3 \\ 8 & 9 \end{vmatrix}=2-21=-12 \Rightarrow A_{*22}=(-1)^{2+3}\cdot(-12)=-12$

$$|A|_{23} = \begin{vmatrix} 1 & 2 \\ 7 & 8 \end{vmatrix} = 1.8 - 2.7 = 8 - 10 = -6 \implies A * 23 = (-1)^{2+3} \cdot (-6) = 6$$

$$|A|_{23} = \begin{vmatrix} 2 & 3 \\ 66 \end{vmatrix} = 2.6 - 3.0 = 12 \implies A * 31 = (-1)^{3+1} \cdot 12 = 12$$

$$|A|_{32} = \begin{vmatrix} 1 & 3 \\ 4 & 6 \end{vmatrix} = 1.6 - 3.4 = 6 - 12 = -6 \implies A * 32 = (-1)^{3+2} \cdot (-6) = 6$$

$$|A|_{32} = \begin{vmatrix} 1 & 2 \\ 4 & 6 \end{vmatrix} = 1.0 - 2.4 = -8 \implies A * 33 = (-1)^{3+3} \cdot (-8) = -8$$

$$|A|_{33} = \begin{vmatrix} 1 & 2 \\ 4 & 6 \end{vmatrix} = 12 \cdot 6 - 8$$

$$|A|_{33} = \begin{vmatrix} 1 & 2 \\ 4 & 6 \end{vmatrix} = 12 \cdot 6 - 8$$

3) Those enotur began many entry or methorizant gonoras

A+ = 6 -12 6 32 6 -8

y) tres o magnerolo sucrestiva montrone esponentes montrones on po-

$$A^{-1} = A_{+}^{T}/\Delta A = \begin{vmatrix} -48 & 6 & 12 \\ 6 & -12 & 6 \end{vmatrix} : 60 = \begin{vmatrix} -0.8 & 0.1 & 0.2 \\ 0.1 & -0.2 & 0.1 \\ 0.83(3) & 0.1 & -0.13(3) \end{vmatrix}$$

Des u pobepans coss-gurtionimes objectivities, Mobe puni:

$$E = A^{-1} \cdot A = \begin{vmatrix} -0.8 & 0.1 & 0.2 \\ 0.4 & -0.2 & 0.1 \\ 0.533 & 0.1 & -0.133 \end{vmatrix} \begin{vmatrix} 1 & 2 & 3 \\ 4 & 0 & 6 \\ 2 & 8 & 9 \end{vmatrix}$$

Cromben nomementalité

 $\begin{aligned} & \mathcal{E}_{11} = A_{14}^{-1} \cdot A_{14} + A_{12} \cdot A_{21} + A_{13} \cdot A_{31} = (-0.8) \cdot A + 0.1 \cdot 4 + 0.2 \cdot 7 = -0.8 + 0.4 + 1.4 = 1 \\ & \mathcal{E}_{12} = A_{14}^{-1} \cdot A_{12} + A_{13}^{-1} \cdot A_{23} + A_{13}^{-1} \cdot A_{32} = (-0.8) \cdot A + 0.1 \cdot 0 + 0.2 \cdot 8 = -1.6 + 1.6 = 0 \\ & \mathcal{E}_{13} = A_{14}^{-1} \cdot A_{13} + A_{12}^{-1} \cdot A_{23} + A_{13}^{-1} \cdot A_{33} = (-0.8) \cdot 3 + 0.1 \cdot 6 + 0.2 \cdot 9 = -2.4 + 0.6 + 1.8 = 0 \\ & \mathcal{E}_{21} = A_{21}^{-1} \cdot A_{14} + A_{22}^{-1} \cdot A_{21} + A_{23}^{-1} \cdot A_{31} = 0.1 \cdot 1 + (-0.2) \cdot 4 + 0.1 \cdot 7 = 0.1 \cdot 0.8 + 0.7 = 0 \\ & \mathcal{E}_{22} = A_{21}^{-1} \cdot A_{12} + A_{22}^{-1} \cdot A_{22} + A_{23}^{-1} \cdot A_{32} = 0.1 \cdot 1 + (-0.2) \cdot 0 + 0.1 = 0.2 \cdot 1 + 0.8 = 1 \\ & \mathcal{E}_{23} = A_{21}^{-1} \cdot A_{12} + A_{22}^{-1} \cdot A_{23} + A_{23}^{-1} \cdot A_{33} = 0.1 \cdot 1 + (-0.2) \cdot 0 + 0.1 \cdot 9 = 0.3 \cdot 1.2 + 0.9 = 0 \\ & \mathcal{E}_{31} = A_{31}^{-1} \cdot A_{13} + A_{32}^{-1} \cdot A_{23} + A_{23}^{-1} \cdot A_{33} = 0.1 \cdot 1 + (-0.2) \cdot 0 + 0.1 \cdot 9 = 0.3 \cdot 1.2 + 0.9 = 0 \\ & \mathcal{E}_{31} = A_{31}^{-1} \cdot A_{14} + A_{32}^{-1} \cdot A_{21} + A_{32}^{-1} \cdot A_{31} = 0.1 \cdot 1 + 0.1 \cdot 0.1 \cdot$

$$= \begin{vmatrix} -0.8 & 0.1 & 0.2 \\ 0.1 & -0.2 & 0.1 \\ 0.833 & 0.1 & -0.133 & 2 & 4 & 6 \\ 0.833 & 0.1 & -0.133 & 2 & 4 & 6 \\ 0.1 & -0.1 & 0.1 & 0.2 \\ 0.1 & -0.2 & 0.1 \\ 0.1 & -$$

Phologome upomop membrugos 4x4, por nomo per prober 1 Is manipulses, be memer homo poi ogther i me me was, be supremenent, turntiers to 2-10, posters hughto, morges high on fugurer menes 2-10 no pagins tagino ter probet => poster justor une un pursu =1

55 55 55 Subour: 85 55 55 55 55 55 55 55 55 55 55 55

(S.) promemome champture apostoresturo bolemo pob (1,5) u (2,8)

Mocuro in peristionis en menor mun e ognitis nobemen in higherueu, uge popurques muscuru, mos u mongrum mones pruce upon yough tem.

Q7 . 87 = Yexc + Yx Y2 + 2, 22

可(1,5)

87(2,8)

07.67 = (1.2) + (S.8) = 2.40 = 42

Quibeur: 42

(\$5) (1,5,0), (2,8,7), (7,15,3) - borne cureme une mes retree a poyber getture wher be know pob Sur bornice tems i enougyen bremopter is chesius pres upointo go temo (mopusgion to bound H)

J= (1, 5,0)

\$ = (2,8,7)

已=(2,1,5,3)

1) Be uno price u pouzlouge teur 137 u 67

可以由一一150/=(S.7-0.8)-(1.7-0.2)+(1.8-S.2)=(35,-7,-2)

2) Chausptus in possiblise tem 2 u (35: -7: -2)

ET. (35, -7, -2) = 7.35 + 1,5.(-2) + 3.(-2) = 245 - 10,5 - 6 = 228,5

Duben: 228,5