$\Delta_{1,1} = (0.9 - 8.6) = -418$

 $\Delta_{2,1} = (2 \cdot 9 - 8 \cdot 3) = -6$

 $\Delta_{3,1} = (2.6 - 0.3) = 12$

 $det = (-1)^{1+1} \cdot 1 \cdot (-48) + (-1)^{2+1} \cdot 4 \cdot (-6) + (-1)^{3+1} \cdot 7 \cdot 12$ det = 60

5.3. Boucucuite marquisy, Spathyro gammon:

$$M = \begin{bmatrix} -48; 4.9 - 7.6; 4.8 - 0.7 \\ -6; 1.9 - 7.3; 1.8 - 2.7 \end{bmatrix} = \begin{bmatrix} -48 & -6 & 32 \\ 6 & -12 & -6 \end{bmatrix}$$

$$IZ; 1.6 - 3.4; 1.0 - 8$$

$$A_{*} = \begin{bmatrix} -48 & 6 & 32 \\ 6 & -12 & 6 \\ 12 & 6 & -8 \end{bmatrix} \rightarrow A_{*}^{T} = \begin{bmatrix} -48 & 6 & 12 \\ 6 & -12 & 6 \\ 32 & 6 & -8 \end{bmatrix}$$

$$A^{-1} = \begin{bmatrix} -0.8 & 0.1 & 0.2 \\ 0.1 & -0.2 & 0.1 \\ 0.53 & 0.1 & -0.13 \end{bmatrix}$$

2. Apabagure repunse unstrumen 4x4,
pann nompra paben 1

5.4 BU WILLIETE CHAINSPHOR MOUNTEGENUR gbegx berropob: (1,5)u(2,8)(1,5)*(2,8) = 1-2+5.8 = 42

5.5. BAUTUCAUTE CHEMANINOE MOORS BEGENUE mpex dentropol: (1,5,0), (2,8,7) u (7,15,3)

 $\bar{a} = 21, 5, 03$ $\bar{b} = \{2, 8, 7\}$ $\bar{c} = \{7, 1, 5, 3\}$

 $\overline{Q} \cdot \overline{L} = \frac{1}{2} \times \overline{C} = \frac{1}{2}$

 $+(-1)^{2+1}(5.3-1.5.0)+(-1)^{3+1}.7.(5.7-8.0)=$

= 10(24-10.5) - 2-15 + 7.35 = 13.5-30+245=

= 228.5