Πρωτος Γουκία.

Ρεμμίτο αυτένη γροβνισμαία δυσα:
$$1 - 2 + 1 | 0 \rangle$$
 $2 + 2 - 1 | 3 \rangle$

Πρωτοία χος:

Τυπεραμίας.

Ομεραμίας.

Losppunuleuron gus Terren comu:

$$Q_{32}^{(2)} = Q_{32}^{(1)} - Q_{32}^{(1)} \cdot \frac{Q_{22}^{(1)}}{Q_{22}^{(2)}} = 7 - 7 \cdot \frac{6}{6} = 0$$

$$Q_{33}^{(2)} = Q_{33}^{(1)} - Q_{32}^{(1)} \cdot \frac{Q_{23}^{(1)}}{Q_{23}^{(1)}} = -3 - 7 \cdot \frac{-7}{6} = -3 + \frac{21}{6} = \frac{1}{2}$$

$$Q_{33}^{(1)} = Q_{32}^{(1)} - Q_{32}^{(1)} \cdot \frac{Q_{22}^{(1)}}{Q_{22}^{(1)}} = 5 - 7 \cdot \frac{3}{6} = 5 - \frac{7}{2} = \frac{3}{2}$$

Nongroen morpulez areggiousero berga:
$$1 - 2 \cdot 1 \cdot 10$$
 $0 \cdot 1 - \frac{1}{2} \cdot \frac{1}{2}$ $0 \cdot 0 \cdot \frac{1}{2} \cdot \frac{3}{2}$

III wejayus. Onjegennen mobble nosppenswerten b Tetolet cipoke! $C_{33} = \frac{Q_{33}}{Q_{33}^{(1)}} = 1$, $g_3 = \frac{D_3}{Q_{33}^{(2)}} = \frac{3}{2} \cdot 1 = 3$

$$C_{33} = \frac{Q_{33}^{(2)}}{Q_{33}^{(2)}} = 1$$

$$\int_{33}^{(2)} \frac{Q_{33}^{(2)}}{Q_{33}^{(2)}} = \frac{3 \cdot 7}{2 \cdot 1} = 3$$

Nongraen marpung alegyrousero bega:
$$1 - 2 \cdot 1 \cdot |0\rangle$$

Orparusia $\times 0g$:

 $1 \times 2 = 9 = 3$

$$1)X_3 = 9_3 = 3$$

$$(2) X_2 = g_2 - C_{23} \cdot X_3 = \frac{1}{2} + \frac{1}{2} \cdot 3 = 2$$

3)
$$X_1 = g_1 - \sum_{i=2}^{3} c_{ii} X_i = g_1 - (c_{12} X_2 + c_{13} X_3) = 0 + 2 \cdot 2 - 1 \cdot 3 = 1$$

Πρωτορ αρτοιοπαριμανών με βειτοριών δυσα.
$$\begin{pmatrix} 1 & 1 & -1 & | & 0 \\ 2 & 1 & | & | & 2 \\ 1 & -1 & | & | & 2 \end{pmatrix}$$

Samuela πατριμμ Α β βειτοριών βυσε: $A: \bar{a}, x, +\bar{a}, x_1 + \bar{a}, x_2 + \bar{a}, x_3 + \bar{a}, x_4 + \bar{a}, x_5 + \bar$

$$\begin{aligned} &t_{23}: \left(\overline{\Gamma}_{2},\overline{\alpha}_{3}\right) = t_{13}\left(\overline{\Gamma}_{2},\overline{\Gamma}_{1}\right) + t_{23}\left(\overline{\Gamma}_{2},\overline{\Gamma}_{2}\right) + \left(\overline{\Gamma}_{2},\overline{\Gamma}_{3}\right), \text{ no yclobuso} \\ &\text{optolographostic } \left(\overline{\Gamma}_{2},\overline{\Gamma}_{1}\right) = O, \left(\overline{\Gamma}_{2},\overline{\Gamma}_{3}\right) = 0, \text{ toga} \\ &t_{23} = \left(\overline{\Gamma}_{2},\overline{\alpha}_{3}\right) = \frac{2}{3} \cdot (-1) + \frac{1}{3} \cdot (+\left(-\frac{4}{3}\right)) - \frac{2}{3} \cdot \frac{1}{3} - \frac{4}{3} = -\frac{5}{3} \\ &\overline{\Gamma}_{2},\overline{\Gamma}_{2}\right) = \frac{2}{3} \cdot \frac{1}{3} \cdot \frac{1}{3}$$

$$= \frac{-18}{21} = \frac{-6}{21} = \frac{-6}{21}$$

Tenepo most puisa A njeg crabiuma b buge: A=R.T= $\begin{bmatrix}
1 & \frac{2}{3} & -\frac{6}{7} & 1 & \frac{1}{3} & \frac{1}{3} \\
2 & \frac{1}{3} & \frac{4}{7} & 0 & 0 & 1
\end{bmatrix}$

Bornacisen ynaterius
$$\overline{X}$$
:
 $\overline{a}_1 \cdot X_1 + \overline{a}_2 \cdot X_2 + \overline{a}_3 \cdot X_3 = \overline{b}_1$, gas maxonigenus X_3 gorino-
num obe reason ma \overline{r}_3 :
$$|\widehat{r}_3 \left(\overline{a}_1 \cdot X_1 + \overline{a}_1 \cdot X_2 + \overline{a}_3 \cdot X_3 \right) = \overline{r}_3 \cdot \overline{b}_1 \Rightarrow (\widehat{r}_3, \overline{a}_3) \times_3 = (\overline{r}_3, \overline{b}_1) \Rightarrow (\overline{r}_3, \overline{r}_3) \times_3 = (\overline{r}_3, \overline{b}_1) \Rightarrow (\overline{r}_3, \overline{r}_3) \times_3 = (\overline{r$$

3) $\int_{A}^{2} R = \frac{1}{(F_{1}, D)} = \frac{1 \cdot 1 + 2 \cdot 2 + 1 \cdot 1}{(F_{1}, D)} = \frac{1 \cdot 1 + 2 \cdot 2 + 1 \cdot 1}{(F_{1}, D)} = \frac{1}{(F_{1}, D)}$

Other: X1 = 1; X2 = 2; X3 = 3.