$$\begin{vmatrix} 298 - \lambda & 9 & -0.94 \\ -294 & 271 - \lambda & -0.93 \\ 266 & -25 & 266 - \lambda \end{vmatrix} = 0 = 2 \begin{cases} \lambda_1 = 2.064 \\ \lambda_2 = 2.9449 \end{cases}$$

$$\begin{pmatrix}
1 & 0 & 0 & | d_t \\
-\alpha_1 & 1 & 0 & | \gamma_t \\
-\alpha_2 & 1 & | \gamma_t \\
-\alpha_3 & -\alpha_3 & 1
\end{pmatrix} \begin{pmatrix} \gamma_t \\ \gamma_t \\ \gamma_t \\ \gamma_t \end{pmatrix} = \beta_1 \begin{pmatrix} \alpha_{t1} \\ \gamma_{t1} \\ \gamma_{t1} \\ \gamma_{t1} \end{pmatrix} + \beta_1 \begin{pmatrix} \alpha_{t1} \\ \gamma_{t1} \\ \gamma_{t1} \\ \gamma_{t2} \\ \gamma_{t3} \end{pmatrix} + \beta_1 \begin{pmatrix} \alpha_{t1} \\ \gamma_{t2} \\ \gamma_{t3} \\ \gamma_{t4} \\ \gamma_{t4} \end{pmatrix} + \beta_2 \begin{pmatrix} \alpha_{t1} \\ \gamma_{t2} \\ \gamma_{t3} \\ \gamma_{t4} \\ \gamma_{t4} \end{pmatrix} + \beta_3 \begin{pmatrix} \alpha_{t1} \\ \gamma_{t2} \\ \gamma_{t3} \\ \gamma_{t4} \\ \gamma_{t4} \end{pmatrix} + \beta_4 \begin{pmatrix} \alpha_{t1} \\ \gamma_{t2} \\ \gamma_{t3} \\ \gamma_{t4} \\ \gamma_{t4} \end{pmatrix} + \beta_4 \begin{pmatrix} \alpha_{t1} \\ \gamma_{t4} \\ \gamma_{t4} \\ \gamma_{t4} \\ \gamma_{t4} \end{pmatrix} + \beta_4 \begin{pmatrix} \alpha_{t1} \\ \gamma_{t4} \\ \gamma_{t4} \\ \gamma_{t4} \\ \gamma_{t4} \\ \gamma_{t4} \end{pmatrix} + \beta_4 \begin{pmatrix} \alpha_{t1} \\ \gamma_{t4} \\ \gamma_{t4} \\ \gamma_{t4} \\ \gamma_{t4} \\ \gamma_{t4} \\ \gamma_{t4} \end{pmatrix} + \beta_4 \begin{pmatrix} \alpha_{t1} \\ \gamma_{t4} \\ \gamma_{t5} \\ \gamma$$

$$S = \begin{pmatrix} 1 & 0 & 0 \\ 0.7 & 1 & 0 \\ -48 & 0.5 & 1 \end{pmatrix} \begin{pmatrix} 0.1 & 0 & 0 \\ 0 & 245 & 0 \\ 0 & 0 & 1 \end{pmatrix} \begin{pmatrix} 1 & 27 & -15 \\ 0 & 1 & 2.5 \\ 0 & 0 & 1 \end{pmatrix}$$

Hts & [(445) = 6(1-60-66(6)) = 6 (66)(6)(6) = 0. 2) 4 NW(0,0)

equation by equation.

We const have a constral VAR from reduced from extraorism.

The reason is that. There was multiple. I that substitus.

For enample

$$\mathcal{T} = \begin{pmatrix} 1 & 0 & 0 \\ 0.51 \cdot 1 & -21 \end{pmatrix} \begin{pmatrix} 215 & 0 & 0 \\ 0 & 231 & 0 \\ 0 & 0 & 122 \end{pmatrix} \begin{pmatrix} 1 & 256 - 3.7 \\ 0 & 1 & 2.5 \\ 0 & -21 & 1 \end{pmatrix}$$

then 
$$B_0 = \begin{pmatrix} 1 & 0 & 0 \\ 456 & 1-26 \end{pmatrix}^{-1}$$
, when we have.

$$\mathcal{N}^{2} \begin{pmatrix} 1 & 0 & 0 \\ 279 & 1 - 1.8 \\ -2.12 & 3.9.1 \end{pmatrix}
\begin{pmatrix} 2.23 & 0 & 0 \\ 0 & 0.91 & 0 \\ 0 & 0 & 2.4. \end{pmatrix}
\begin{pmatrix} 1 & 249 & -2.2 \\ 0 & 1 & 3.9 \\ 0 & -1.8 \end{bmatrix}
\begin{pmatrix} 1 & 0 & 0 \\ 0.79 & 1 - 1.8 \\ -2.2 & 3.9 & 1 \end{pmatrix}$$