لاسارا وزنوس ۹۸۱۷۵۹۹۸

$$\begin{bmatrix}
1 & \mu & -1 & \xi & 1 & \vdots & J \\
0 & -1 & 10 & -1. & 1 & \vdots & -c\sigma \\
0 & 0 & \xi & -2 & 0 & \vdots & -4 \\
0 & 0 & \xi & -2 & 0 & \vdots & -4
\end{bmatrix}$$

$$\begin{bmatrix}
1 & \mu & -c & \xi & 1 & \vdots & J \\
0 & -1 & 19 & -19 & 1 & \vdots & -c\sigma \\
0 & 0 & \xi & -2 & 0 & \vdots & -4 \\
0 & 0 & 0 & 0 & 0 & 0
\end{bmatrix}$$

$$\begin{bmatrix}
1 & 1 & -1 & & & & & & & \\
0 & 1 & -14 & 14 & -1 & & & & \\
0 & 0 & 1 & -92 & 0 & & & -42
\end{bmatrix} \sim
\begin{bmatrix}
1 & 0 & 0 & -19 & & & & & \\
0 & 1 & 0 & & & & & \\
0 & 0 & 1 & -92 & 0 & & & -42
\end{bmatrix} \sim
\begin{bmatrix}
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0$$

$$\begin{bmatrix}
\alpha_1 \\
\alpha_r \\
\alpha_c \\
\alpha_c
\end{bmatrix} = \begin{bmatrix}
14/c \\
-\epsilon \\
\%/c
\end{bmatrix} + S\begin{bmatrix}
1/c \\
-1/c \\
-1/c
\end{bmatrix} + t \begin{bmatrix}
-\epsilon \\
1/c \\
0/c
\end{bmatrix}$$

$$\mathcal{E} = 0/00 |$$

$$\begin{bmatrix}
\alpha & 1 & -1 \\
1 & -\kappa & 1 \\
-1 & 1 & \epsilon
\end{bmatrix}
\begin{bmatrix}
\alpha_1 \\
\gamma_1 \\
\gamma_2 \\
1
\end{bmatrix}
=
\begin{bmatrix}
\Lambda \\
V \\
1
\end{bmatrix}$$

$$\mathcal{R}_{n} = \begin{bmatrix}
0 \\
0
\end{bmatrix}$$

$$3l_1 - \xi x_1 + x_2 - y_1 = 1$$

$$3l_1 - \xi x_1 + x_2 - y_2 = 1$$

$$3l_1 = 1$$

$$3l_1 = 1$$

$$2_{1} = \frac{1}{6}(\Lambda - \chi_{1} + \chi_{1}) \qquad \chi_{1} = \chi_{1} = \chi_{2}$$

$$2_{1} = \frac{1}{6}(\Lambda - \chi_{1} + \chi_{1}) \qquad \chi_{2} = \chi_{2} = \chi_{2}$$

$$2_{1} = \frac{1}{6}(\Lambda - \chi_{1} + \chi_{1}) \qquad \chi_{3} = \chi_{2} = \chi_{2}$$

$$2_{1} = \frac{1}{6}(\Lambda - \chi_{1} + \chi_{1}) \qquad \chi_{4} = \frac{1}{6}(\Lambda - \chi_{1} + \chi_{2}) \qquad \chi_{5} = \frac{1}{6}(\Lambda - \chi_{1} + \chi_{1}) \qquad \chi_{7} = \frac{1$$

$$\begin{aligned}
\eta_{1} &= I_{1} (\Lambda + V/_{\xi} + I/_{\xi}) = Y \\
\eta_{Y} &= -I/_{\xi} (V - \Lambda/_{x} - I/_{\xi}) = -I_{1} Y_{N} V_{x} \\
\eta_{Y} &= V_{\xi} (V + N_{x} + V/_{\xi}) = I_{10} \Lambda V_{x}
\end{aligned}$$

K=1 (2 1/2) - 1/0/1/10

$$2 = \frac{1}{2} (1 + 1 + 1 + 1) = \frac{1}{2} = \frac{1}{2}$$

$$2 = \frac{1}{2} (1 + 1 + 1 + 1) = \frac{1}{2} = \frac{1}{2}$$

$$2 = \frac{1}{2} (1 + 1 + 1 + 1) = \frac{1}{2} = \frac{1}{2}$$

2 = 1/2 (1-1/046-0/9411) = 1/0/11) = 1/0/12

احدّاب بعرار م. ا

$$A = \begin{bmatrix} c & 0 & 1 & 0 \\ 0 & -1 & 0 \\ 0 & 1 & -1 \end{bmatrix}, \quad \chi_{1} = \begin{bmatrix} 1 \\ 1 \end{bmatrix}$$

$$A = \begin{bmatrix} c & 0 & 1 \\ 0 & -1 & 0 \\ 0 & 1 & -1 \end{bmatrix}, \quad \chi_{2} = \begin{bmatrix} 1 \\ 1 \end{bmatrix}$$

$$A = \begin{bmatrix} c & 0 & 1 \\ 0 & -1 & 0 \\ 0 & 1 & -1 \end{bmatrix}, \quad \chi_{1} = \begin{bmatrix} c \\ 1 \end{bmatrix}$$

$$A = \begin{bmatrix} c & 0 & 1 \\ 0 & 1 & -1 \\ 0 & 1 & -1 \end{bmatrix}, \quad \chi_{1} = \begin{bmatrix} c \\ 1 \end{bmatrix}$$

$$A = \begin{bmatrix} c & 0 & 1 \\ 0 & 1 & -1 \\ 0 & 1 & -1 \end{bmatrix}, \quad \chi_{1} = \begin{bmatrix} c \\ 1 \end{bmatrix}$$

$$A = \begin{bmatrix} c & 0 & 1 \\ 0 & 1 & -1 \\ 0 & 1 & -1 \end{bmatrix}, \quad \chi_{1} = \begin{bmatrix} c \\ 0 & 1 \\ 0 & 1 \end{bmatrix}$$

$$A = \begin{bmatrix} c & 0 & 1 \\ 0 & 1 & -1 \\ 0 & 1 & -1 \end{bmatrix}, \quad \chi_{1} = \begin{bmatrix} c \\ 0 & 1 \\ 0 & 1 \end{bmatrix}, \quad \chi_{2} = \begin{bmatrix} c \\ 0 & 1 \\ 0 & 1 \end{bmatrix}, \quad \chi_{1} = \begin{bmatrix} c \\ 0 & 1 \\ 0 & 1 \end{bmatrix}, \quad \chi_{2} = \begin{bmatrix} c \\ 0 & 1 \\ 0 & 1 \end{bmatrix}, \quad \chi_{3} = \begin{bmatrix} c \\ 0 & 1 \\ 0 & 1 \end{bmatrix}, \quad \chi_{4} = \begin{bmatrix} c \\ 0 & 1 \\ 0 & 1 \end{bmatrix}, \quad \chi_{4} = \begin{bmatrix} c \\ 0 & 1 \\ 0 & 1 \end{bmatrix}, \quad \chi_{4} = \begin{bmatrix} c \\ 0 & 1 \\ 0 & 1 \end{bmatrix}, \quad \chi_{4} = \begin{bmatrix} c \\ 0 & 1 \\ 0 & 1 \end{bmatrix}, \quad \chi_{4} = \begin{bmatrix} c \\ 0 & 1 \\ 0 & 1 \end{bmatrix}, \quad \chi_{4} = \begin{bmatrix} c \\ 0 & 1 \\ 0 & 1 \end{bmatrix}, \quad \chi_{4} = \begin{bmatrix} c \\ 0 & 1 \\ 0 & 1 \end{bmatrix}, \quad \chi_{4} = \begin{bmatrix} c \\ 0 & 1 \\ 0 & 1 \end{bmatrix}, \quad \chi_{4} = \begin{bmatrix} c \\ 0 & 1 \\ 0 & 1 \end{bmatrix}, \quad \chi_{4} = \begin{bmatrix} c \\ 0 & 1 \\ 0 & 1 \end{bmatrix}, \quad \chi_{4} = \begin{bmatrix} c \\ 0 & 1 \\ 0 & 1 \end{bmatrix}, \quad \chi_{4} = \begin{bmatrix} c \\ 0 & 1 \\ 0 & 1 \end{bmatrix}, \quad \chi_{4} = \begin{bmatrix} c \\ 0 & 1 \\ 0 & 1 \end{bmatrix}, \quad \chi_{4} = \begin{bmatrix} c \\ 0 & 1 \\ 0 & 1 \end{bmatrix}, \quad \chi_{4} = \begin{bmatrix} c \\ 0 & 1 \\ 0 & 1 \end{bmatrix}, \quad \chi_{4} = \begin{bmatrix} c \\ 0 & 1 \\ 0 & 1 \end{bmatrix}, \quad \chi_{5} = \begin{bmatrix} c \\ 0 & 1 \\ 0 & 1 \end{bmatrix}, \quad \chi_{5} = \begin{bmatrix} c \\ 0 & 1 \\ 0 & 1 \end{bmatrix}, \quad \chi_{5} = \begin{bmatrix} c \\ 0 & 1 \\ 0 & 1 \end{bmatrix}, \quad \chi_{5} = \begin{bmatrix} c \\ 0 & 1 \\ 0 & 1 \end{bmatrix}, \quad \chi_{5} = \begin{bmatrix} c \\ 0 & 1 \\ 0 & 1 \end{bmatrix}, \quad \chi_{5} = \begin{bmatrix} c \\ 0 & 1 \\ 0 & 1 \end{bmatrix}, \quad \chi_{5} = \begin{bmatrix} c \\ 0 & 1 \\ 0 & 1 \end{bmatrix}, \quad \chi_{5} = \begin{bmatrix} c \\ 0 & 1 \\ 0 & 1 \end{bmatrix}, \quad \chi_{5} = \begin{bmatrix} c \\ 0 & 1 \\ 0 & 1 \end{bmatrix}, \quad \chi_{5} = \begin{bmatrix} c \\ 0 & 1 \\ 0 & 1 \end{bmatrix}, \quad \chi_{5} = \begin{bmatrix} c \\ 0 & 1 \\ 0 & 1 \end{bmatrix}, \quad \chi_{5} = \begin{bmatrix} c \\ 0 & 1 \\ 0 & 1 \end{bmatrix}, \quad \chi_{5} = \begin{bmatrix} c \\ 0 & 1 \\ 0 & 1 \end{bmatrix}, \quad \chi_{5} = \begin{bmatrix} c \\ 0 & 1 \\ 0 & 1 \end{bmatrix}, \quad \chi_{5} = \begin{bmatrix} c \\ 0 & 1 \\ 0 & 1 \end{bmatrix}, \quad \chi_{5} = \begin{bmatrix} c \\ 0 & 1 \\ 0 & 1 \end{bmatrix}, \quad \chi_{5} = \begin{bmatrix} c \\ 0 & 1 \\ 0 & 1 \end{bmatrix}, \quad \chi_{5} = \begin{bmatrix} c \\ 0 & 1 \\ 0 & 1 \end{bmatrix}, \quad \chi_{5} = \begin{bmatrix} c \\ 0 & 1 \\ 0 & 1 \end{bmatrix}, \quad \chi_{5} = \begin{bmatrix} c \\ 0 & 1 \\ 0 & 1 \end{bmatrix}, \quad \chi_{5} = \begin{bmatrix} c \\ 0 & 1 \\ 0 & 1 \end{bmatrix}, \quad \chi_{5} = \begin{bmatrix} c \\ 0 & 1 \\ 0 & 1 \end{bmatrix}, \quad \chi_{5} = \begin{bmatrix} c \\ 0 & 1 \\ 0 & 1 \end{bmatrix}, \quad \chi_{5} = \begin{bmatrix} c \\ 0 & 1 \\ 0 & 1 \end{bmatrix}, \quad \chi_{5} = \begin{bmatrix} c \\ 0 & 1 \\ 0 & 1 \end{bmatrix}, \quad \chi_{5} = \begin{bmatrix} c \\ 0 & 1 \\ 0 & 1 \end{bmatrix}, \quad \chi_{5} = \begin{bmatrix} c \\ 0 & 1 \\ 0 & 1$$

$$\begin{bmatrix}
c & \circ & t \\
\circ & -1 & -c
\end{bmatrix}$$

$$\begin{bmatrix}
A_{1} - P \\
\circ & -1
\end{bmatrix}$$

$$A_{1} = P \\
A_{2} = P \\
A_{3} = P \\
A_{4} = P \\
A_{5} = P \\
A_{5$$

Jou- 0,6/8

$$A = \begin{bmatrix} v & V & I \\ I & \approx & v \\ I & c & -\sigma \end{bmatrix} \begin{bmatrix} n_1 \\ \lambda c \\ n_2 \end{bmatrix} = \begin{bmatrix} I \\ c \Lambda \\ V 4 \end{bmatrix} \qquad n_1 = \begin{bmatrix} I \\ O \\ I \end{bmatrix}$$

$$\alpha_{1} = \frac{1}{c} (+1 - \sqrt{\alpha} + -1cn_{c})$$

$$\alpha_{7} = \frac{1}{8} (+1 - \sqrt{\alpha} + -1cn_{c})$$

$$\alpha_{8} = \frac{1}{8} (+1 - \sqrt{\alpha} + -1cn_{c})$$

$$\alpha_{8} = \frac{1}{8} (+1 - \sqrt{\alpha} + -1cn_{c})$$

$$\alpha_{8} = -\frac{1}{8} (+1 - \sqrt{\alpha} + -1cn_{c})$$

$$\alpha_{8} = -\frac{1}{8} (+1 - \sqrt{\alpha} + -1cn_{c})$$

$$|X = 1|$$

$$|X_1 = 1|_C (1 - \sqrt{x} \delta_1 A + 1CX - 1CY) = V + 1CY - 1CY) = V + 1CY - 1CY) = V + 1CY - 1CY 1CY -$$

$$A = \begin{bmatrix} r & 1 & -1 \\ -7 & r & -1 \\ 1 & 1 & r \end{bmatrix}$$

$$P(x_{n_1} - x_n) = P - Ax_n$$

$$det(A - P + JP =)$$

$$Alt(1) \rightarrow D = P - (PA)$$

$$det(A - P + JP) = \begin{vmatrix} r & 1 & -1 \\ -r & r & -r \end{vmatrix} = AA^{C} + Ind = .$$

$$A_{re} = \frac{1}{2} \sqrt{2}i$$

$$|A_{r,r}| = A_{e,r}|$$

$$|A_{r,r}| = A_{e,r}|$$

$$det(A + AP - P) = \begin{vmatrix} r & 1 & -1 \\ -r & r & -r \end{vmatrix} = rA(\epsilon A^{c} + 4A - r) = .$$

$$A_{re} = \frac{-c^{2}}{2} \sqrt{2}i$$

$$A_{re} = \frac{-c^{2}}{2} \sqrt{2}i$$