$$300^{-1}$$
  $A = \begin{pmatrix} 52 - 3 \\ 45 - 4 \end{pmatrix}$   $A = \begin{pmatrix} 64 - 46 \end{pmatrix} = 0$   $\begin{vmatrix} 5-1 & 2 & -3 \\ 45 - 4 & -4 \end{vmatrix} = 0$ 

Харанеренический миогоглен:

$$\frac{1440-1}{(5-1)(5-1)(-4-1)-48-48-18(5-1)+18(5-1)+8(4+1)=0}{(5-1)(5-1)(5-1)+8(4+1)-0}$$

$$-\frac{(5-1)(5-1)(5-1)(4+1)-36+90-181+80-161+32+81=0}{(1-1)(-1)(-1)(5-1)-6}$$

$$-\frac{13+61}{(1-1)(-1)(-1)(5-1)-6}=0$$

Consenser rucia: 1, 1=1, 1=2, 1,=3

$$\frac{X_1 - \frac{X_3}{2} = 0}{X_2 - \frac{X_3}{2} = 0}$$
  $\frac{X_3}{Y_2} = \frac{1}{2}$  - cooleafures becop

$$\lambda_{2}=2:\begin{pmatrix} 32-3 & 0 \\ 45-4 & 0 \\ 64-6 & 0 \end{pmatrix} \sim \begin{pmatrix} 32-3 & 0 \\ 70-1 & 0 \\ 000 & 0 \end{pmatrix} \sim \begin{pmatrix} 10-1 & 0 \\ 010 & 0 \end{pmatrix}$$

$$\frac{1}{6} = \frac{1}{6} \left( \begin{array}{c|c} 22 - 3 & 0 \\ 42 - 7 & 0 \\ 64 - 7 & 0 \end{array} \right) \sim \left( \begin{array}{c|c} 22 - 3 & 0 \\ 02 - 2 & 0 \\ 02 - 2 & 0 \end{array} \right) \sim \left( \begin{array}{c|c} 1 & 0 - 1/2 & 0 \\ 0 & 1 - 1 & 0 \end{array} \right)$$

$$\frac{x_1 - x_3}{x_2 - x_3 = 0} = 0$$
  $x_3 \begin{pmatrix} 1/2 \\ 1 \\ 1 \end{pmatrix}$  - cooled fearing

$$T = \begin{pmatrix} 4/2 + 4/2 \\ 4/2 & 0 + 1 \end{pmatrix} \quad B = \begin{pmatrix} 1 & 0 & 0 \\ 0 & 2 & 0 \\ 0 & 0 & 3 \end{pmatrix}$$

$$\begin{pmatrix} 4/2 & 1 & 4/2 & | & 1 & 0 & 0 \\ 4/2 & 0 & + | & 0 & 1 & 0 \\ 1 & 1 & 1 & | & 0 & 0 & 1 \end{pmatrix} \sim \begin{pmatrix} 1 & 2 & 1 & | & 2 & 0 & 0 \\ 0 & 1 & 0 & | & 2 & 0 & -1 \\ 0 & 0 & 1/2 & | & 1 & -1 & 0 \end{pmatrix} \sim \begin{pmatrix} 1 & 0 & 0 & | & -4 & -2 & 4 \\ 0 & 1 & 0 & | & 2 & 0 & -1 \\ 0 & 0 & 1 & | & 2 & | & 2 & 0 & -1 \\ 0 & 0 & 1 & | & 2 & | & 2 & | & 2 & -1 \end{pmatrix}$$

$$A = 7 \cdot B \cdot 7^{-1} = \begin{pmatrix} 1/2 & 1 & 1/2 \\ 1/2 & 0 & 1 \\ 1 & 1 & 1 \end{pmatrix} \cdot \begin{pmatrix} 1 & 0 & 0 & | & -4 & -2 & 4 \\ 0 & 2 & 0 & -1 \\ 0 & 0 & 3 \end{pmatrix} \cdot \begin{pmatrix} -4 & -2 & 4 \\ 2 & 0 & -1 \\ 2 & 2 & -2 \end{pmatrix}$$

$$A^{20/8} = 7 \cdot B^{20/8} - 7 \cdot 1 \quad B^{20/8} = \begin{pmatrix} 1^{20/8} & 0 & | & 1/2 & 3^{20/8} \\ 0 & 0 & 3^{20/8} & | & 1/2 & 3^{20/8} \\ 1 & 1 & 1 & 1 & 1 & 1 \end{pmatrix} \cdot \begin{pmatrix} 0 & 0 & | & 1/2 & 2^{20/8} & 3^{20/8} \\ 0 & 0 & 3^{20/8} & | & 1/2 & 3^{20/8} \\ 1 & 2^{20/8} & 3^{20/8} & | & 1/2 & 2^{20/8} & 3^{20/8} \\ 1 & 2^{20/8} & 3^{20/8} & | & 1/2 & 2^{20/8} & 3^{20/8} \\ 1 & 2^{20/8} & 3^{20/8} & | & 1/2 & 3^{20/8} \\ -2 + 2 \cdot 2^{20/8} + 2 \cdot 3^{20/8} & -1 + 2 \cdot 3^{20/8} & 2 - 2 \cdot 3^{20/8} \\ -4 + 2 \cdot 2^{20/8} + 2 \cdot 3^{20/8} & -2 + 2 \cdot 3^{20/8} & 4 - 2^{20/8} - 2 \cdot 3^{20/8} \end{pmatrix}$$