$$A = 1 \quad \alpha \quad 0 \quad 1 \quad \alpha \quad 1 + (-A) + 0 - 0 - (-1) - 0 = 2$$

$$0 \quad 1 \quad 1 \quad -1 \quad -1$$

$$0 \quad -1 \quad 0 \quad 1 \quad -\alpha \quad 0$$

$$B = 10003$$

$$\alpha 1 - 14 = 00300$$

$$0 + 63) + 0 - 0 - 3 - 0 = -6$$

$$0 0 0 3$$

$$0 1 1 4 0 3 0 0 - 3 0$$

$$\begin{vmatrix} x^{2} & 0 & 2 & \frac{1}{10} \\ 7.5 & 0 & 5 & 2 & = 0 \\ 10 & 0 & 4 & 2 \\ 1 & 1 & 1 & 1 \end{vmatrix}$$

$$2^{2} \det \begin{bmatrix} 5 & 2 \\ 4 & 2 \end{bmatrix} - 7 \det \begin{bmatrix} 7,5 & 2 \\ 10 & 2 \end{bmatrix} + \frac{-1}{10} \det \begin{bmatrix} 7,5 & 5 \\ 10 & 4 \end{bmatrix}$$

$$x^{2}.2-x(-5)+\frac{1}{10}(-20)$$

 $2x^{2}+5x+2=0$

$$\Delta = b^{2} - 4 \cdot a \cdot c \qquad \chi = -b^{\pm} \sqrt{\Delta} \qquad \chi' = -5 + 3 = -2 \cdot z = -1$$

$$\Delta = (5)^{2} - 4 \cdot 2 \cdot 2 \qquad \qquad 4 \qquad \qquad 4'^{2} \qquad 2 / 2$$

$$\Delta = 25 - 16 \qquad \chi = -5 \pm \sqrt{2} \qquad \chi'' = -5 - 3 = -8 = -2 / 4$$

$$\Delta = 9$$

$$\begin{array}{c|cccc}
\hline
(3) & (fucsf) \\
\hline
(2) & 0 & 0 & 3 \\
\hline
(1) & 2 & 0 & 0 & | = -1 \\
\hline
(0 & -1 & x & 1 & | \\
\hline
(0 & 0 & -1 & -2 & | \\
\hline
(1) & 0 & 0 & | = -1
\end{array}$$

$$\begin{bmatrix} x.(-1) & 0.(-1) & 0.(-1) & 3 & -x & 0 & 0 & 3 \\ -1 & x.(-1) & 0.(-1) & 0.(-1) & = & 1 & x & 0 & 0 \\ 0.(-1) & 0.(-1) & -1 & -2 & 0 & -1 & x & 1 \\ 0 & 0 & -1 & -2 & 0 & 0 & 1 & 2 \end{bmatrix}$$

$$\begin{vmatrix} 0 - (-x) \cdot x & 0 - (-x) \cdot 0 & 3 - (-x) \cdot 0 & | x^2 & 0 & 3 \\ -1 - 0 \cdot x & x - 0 \cdot 0 & 1 - 0 \cdot 0 & | -1 & x & 1 & | = 2x^2 + x^2 + 3 \\ 0 - 0 \cdot x & -1 - 0 \cdot 0 & -2 \cdot 0 \cdot 0 & | 0 - 1 - 2 & | = 2x^2 + x^2 + 3 \end{vmatrix}$$

(04) (VFSCAR)

$$\begin{bmatrix}
 x & 1 & 0 & 0 & 0 \\
 0 & x & 1 & 0 & 0 \\
 0 & 0 & x & 1 & 0 & - | x & k | = x^2 - 1k = k^3 \\
 0 & 0 & 0 & x & k | 1 & x | \\
 0 & 0 & 0 & 1 & x
 \end{bmatrix}$$

$$f(x) = x^5 - Kx^3$$

$$f(2) = -32 + 8K = 8$$

$$8K = 40$$

$$K = \frac{40}{8} = 5$$