ALBERT R.

$$A = A \cdot V = \begin{pmatrix} -\frac{1}{2} & -\frac{1}{$$

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Hot relatitutie imvolve
$$x_3 = \frac{0}{5} = 0$$

$$x_4 = \frac{0 - 5 \cdot 0}{10} = 1$$

$$X_1 = \frac{-15 - 5.0 + 5.1}{-5} = \frac{10}{-5} = -8$$

ALBERT R. II. 1 2 3 11 32 $y_0 = -h$ $y_1 = 2$ $y_0 = 1h$ $y_0 = 32$ ln 3 (x) = 10+[x0xx] f (x-x)+ ... + [x0xx...xn] f (x-xx) (x-xx)... (x-xm-1) Schema lui Aitken Ran X Pas Ross 1 2 11 2 五 12 32 [x:]f=y: => dd(0,0]=-h dd[1,0] = 2 Exexit= dd [2,0]=11 dd [3,0]=32 $dd[0,1] = \frac{dd[1,0] - dd[0,0]}{x_1 + x_2} = \frac{2 - (-1)}{1 - (-1)} = \frac{e}{2} = 9 = [x_0 \times 1]$ $dd \left[1,1\right] = \frac{dd\left[2,0\right] - dd \left[1,0\right]}{xa - xi} = \frac{11 - 2}{2 - 1} = 9 = \left[xi \times x\right]$ $\frac{dd [2,1]}{dd [2,0]} = \frac{dd [3,0]}{dd [2,0]} = \frac{32-11}{3-2} = 2\lambda = [x_2x_3]$ $\frac{dd [0,2]}{dd [0,1]} = \frac{dd [1,1]-dd [0,1]}{2-(-1)} = \frac{9-3}{2-(-1)} = \frac{6}{3} = 2 = [x_3x_2]$ $dd[1,2] = \frac{dd[2,1] - dd[1,1]}{+3-x_1} = \frac{21-9}{3-2} = 12 = [x_1x_2^3]$ $dd[0,3] = dd[1,2] - dd[0,2] = \frac{12-2}{3-(-1)} = \frac{10}{10} = \frac{5}{2} = [x_0x_1x_2x_3]$ + ((1-)-x) & + 4-= (+) cm 2(x-(-1))(x-1)+ = (x-(-x))(x-x)(x-2) しゅ(x)=しゅ(0)=-ル+の(0+1)+2(0+1)(0-1)+元(0+1)(0-1)(0-2) =-ル+のサーユ+元・タ=-ヒ+8=ロ) 3/4

ALBERT R. A pathatica neximatrica (A x,x) Rm <0 , +x +0 , x e(Rm) $\chi = \begin{pmatrix} \chi_1 \\ \chi_2 \\ \vdots \\ \chi_m \end{pmatrix} \qquad A = \begin{pmatrix} Q_{11} & Q_{12} & \dots & Q_{1m} \\ \vdots \\ Q_{m1} & Q_{mn} & \dots & Q_{mm} \end{pmatrix}$ $A x = \begin{pmatrix} a_{11} \times 1 + a_{12} \times 2 + \dots + a_{1m} \times m \\ a_{21} \times 1 + a_{22} \times 2 + \dots + a_{2m} \times m \\ a_{n1} \times 1 + a_{n2} \times 2 + \dots + a_{nm} \times m \end{pmatrix}$ (Ax,x) = x. Ax = (x1 +2...xm) . Ax (amixi+amaxat...+ammxm)xm < 0, 4xi = $\frac{(a_{11} \times 1^{2} + (a_{21} + a_{31} + ... + a_{ma}) \times 1^{2}}{(a_{22} \times 2^{2} + (a_{12} + a_{32} + ... + a_{ma}) \times 2^{2}}$ ammx3+(alm+aam+...+am-1m)xm= m air >0 88 x1 >0 = air = -\frac{\infty}{\infty} air

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 $A = (\frac{1}{m}) \frac{1}{1 \cdot (m-1)} \times \frac{1}{m}$ $-m \times \frac{1}{2} + (m-1) \times \frac{1}{2} + (m-1$

 $A = \begin{pmatrix} -1 & 0 & -1 \\ -1 & -1 & 0 \\ 0 & 0 & -1 & 0 \\ 1 & 0 & 0 & -1 \end{pmatrix} \Rightarrow \begin{pmatrix} (A \times 1X) = -1 \times 1^{2} + 0 \\ -1 \times 1$

XERM=) x; mor reals