General 11 Algebra

Forma Isalon The Hamilton-bayley

(1)
$$A = \begin{pmatrix} 1 & 1 & 0 \\ 0 & 0 & 1 \end{pmatrix}$$
 $A = \begin{pmatrix} 1 & 1 & 0 \\ 0 & 0 & 1 \end{pmatrix}$ $A = \begin{pmatrix} 1 & 1 & 0 \\ 0 & 0$

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3) Sous Joeplan

 $(-1)[A^{3}-\nabla_{1}A^{3}+\nabla_{2}A-\nabla_{3}J_{3}]=O_{3}|A^{-1}$

$$(-1)[A^{2}-\nabla_{1}A+\nabla_{2}-\nabla_{3}A^{-1}]=0_{3}$$

$$A^{-1} = \frac{-A^{2} + \nabla A + \nabla 2 J_{3}}{\nabla 3}$$

(110) (100) = (1 1 1 011) (011) = (1 1 1 011) (011) = (1 1 1

$$A^{-1} = -\binom{n^{1}}{012} + 2 \cdot \binom{n^{0}}{011} + 0 \cdot J_{3}$$

$$A^{-1} = \begin{pmatrix} 220 \\ 0022 \end{pmatrix} + \begin{pmatrix} 111 \\ 011 \end{pmatrix} = \begin{pmatrix} -1 & -1 & 1 \\ 0 & 1 & -1 \\ 0 & -1 & 0 \end{pmatrix} \cdot (-1) = \begin{pmatrix} -1 & -1 & 1 \\ 0 & 1 & -1 \\ 0 & -1 & 0 \end{pmatrix} \cdot (-1) = \begin{pmatrix} -1 & -1 & 1 \\ 0 & 1 & -1 \\ 0 & -1 & 0 \end{pmatrix} \cdot (-1) = \begin{pmatrix} -1 & -1 & 1 \\ 0 & 1 & -1 \\ 0 & -1 & 0 \end{pmatrix} \cdot (-1) = \begin{pmatrix} -1 & -1 & 1 \\ 0 & 1 & -1 \\ 0 & -1 & 0 \end{pmatrix} \cdot (-1) = \begin{pmatrix} -1 & -1 & 1 \\ 0 & 1 & -1 \\ 0 & -1 & 0 \end{pmatrix} \cdot (-1) = \begin{pmatrix} -1 & -1 & 1 \\ 0 & 1 & -1 \\ 0 & -1 & 0 \end{pmatrix} \cdot (-1) = \begin{pmatrix} -1 & -1 & 1 \\ 0 & 1 & -1 \\ 0 & -1 & 0 \end{pmatrix} \cdot (-1) = \begin{pmatrix} -1 & -1 & 1 \\ 0 & 1 & -1 \\ 0 & -1 & 0 \end{pmatrix} \cdot (-1) = \begin{pmatrix} -1 & -1 & 1 \\ 0 & 1 & -1 \\ 0 & -1 & 0 \end{pmatrix} \cdot (-1) = \begin{pmatrix} -1 & -1 & 1 \\ 0 & 1 & -1 \\ 0 & -1 & 0 \end{pmatrix} \cdot (-1) = \begin{pmatrix} -1 & -1 & 1 \\ 0 & 1 & -1 \\ 0 & -1 & 0 \end{pmatrix} \cdot (-1) = \begin{pmatrix} -1 & -1 & 1 \\ 0 & 1 & -1 \\ 0 & -1 & 0 \end{pmatrix} \cdot (-1) = \begin{pmatrix} -1 & -1 & 1 \\ 0 & 1 & -1 \\ 0 & -1 & 0 \end{pmatrix} \cdot (-1) = \begin{pmatrix} -1 & -1 & 1 \\ 0 & 1 & -1 \\ 0 & -1 & 0 \end{pmatrix} \cdot (-1) = \begin{pmatrix} -1 & -1 & 1 \\ 0 & 1 & -1 \\ 0 & -1 & 0 \end{pmatrix} \cdot (-1) = \begin{pmatrix} -1 & -1 & 1 \\ 0 & 1 & -1 \\ 0 & -1 & 0 \end{pmatrix} \cdot (-1) = \begin{pmatrix} -1 & -1 & 1 \\ 0 & 1 & -1 \\ 0 & -1 & 0 \end{pmatrix} \cdot (-1) = \begin{pmatrix} -1 & -1 & 1 \\ 0 & 1 & -1 \\ 0 & -1 & 0 \end{pmatrix} \cdot (-1) = \begin{pmatrix} -1 & -1 & 1 \\ 0 & 1 & -1 \\ 0 & -1 & 0 \end{pmatrix} \cdot (-1) = \begin{pmatrix} -1 & -1 & 1 \\ 0 & 1 & -1 \\ 0 & -1 & 0 \end{pmatrix} \cdot (-1) = \begin{pmatrix} -1 & -1 & 1 \\ 0 & 1 & -1 \\ 0 & -1 & 0 \end{pmatrix} \cdot (-1) = \begin{pmatrix} -1 & -1 & 1 \\ 0 & 1 & -1 \\ 0 & 1 & -1 \\ 0 & 1 & -1 \end{pmatrix} \cdot (-1) = \begin{pmatrix} -1 & -1 & 1 \\ 0 & 1 & -1 \\ 0 & 1 & -1 \\ 0 & 1 & -1 \end{pmatrix} \cdot (-1) = \begin{pmatrix} -1 & -1 & 1 \\ 0 & 1 & -1 \\ 0 & 1 & -1 \\ 0 & 1 & -1 \end{pmatrix} \cdot (-1) = \begin{pmatrix} -1 & -1 & 1 \\ 0 & 1 & -1 \\ 0 & 1 & -1 \\ 0 & 1 & -1 \end{pmatrix} \cdot (-1) = \begin{pmatrix} -1 & -1 & 1 \\ 0 & 1 & -1 \\ 0 & 1 & -1 \\ 0 & 1 & -1 \end{pmatrix} \cdot (-1) = \begin{pmatrix} -1 & -1 & 1 \\ 0 & 1 & -1$$

$$A^{-1} = \begin{pmatrix} 11 & -1 \\ 0 & -1 & 1 \\ 0 & 1 & 0 \end{pmatrix}$$

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$$B/A = \begin{pmatrix} 2 & -1 & 3 \\ 0 & 4 & 1 \\ 3 & 1 & 5 \end{pmatrix}$$

$$4 - \frac{1}{10} \cdot \frac{1}{10} \cdot \frac{10}{10} \cdot \frac{1$$

x2=tx(x). X+ olex (x)=J2=02 x2=tx(x). x ;x 2024 = t2223 = tx(x). x MA MAB

OBS MX=XX A= te2017 (x).x /te x=2-1.x to(A)= to 2014(X)=4 le) th(xx)= x th(x) to(X)= IV 4 =1 de r volution le) In q, mmalul de volutie este 2024 OBS 2 =1 ; roditii leale 2 =1; 1 volutio le ala =) det (A 4B2) = olet (A2-16.B2) = olet (A-1B)(A+iB)) =

det (A 4B2) = olet (A2-16.B2) = olet (A-1B)(A+iB)) = = olet (A-iB) olet (A+iB) = 7. = |7|270 (1) ×1,×1,×3 Rod ×3+ px+2=0 1 1 1 1 | = det A. olet A = olet 42 | xi xi xi xi D1= 21x1+x1x3+ 23×1= /1 11 | n= 24+×1+x3=0 $A = \begin{pmatrix} 1 & 1 & 1 \\ \chi_1 \chi_1 \chi_1 \chi_1 \\ \chi_1 \chi_1 \chi_1 \chi_1 \end{pmatrix}$ A. At = (111) (1 ×1 ×1) = (1 ×1 ×1) = (1 ×1 ×1) = $S_{i} = \chi_{1} + \chi_{2}^{i} + \chi_{3}^{i} = (S_{0} S_{1} S_{2})$ $S_{0} = 3$ $S_{1} S_{3}$ S_{3} $S_{0} = 3$ S_{3} S_{3} Sz = Di-2 Dz=-21