CD MOTOL SCOREMAN

$$A = \begin{pmatrix} 0 & 2 & 6 \\ 2 & -3 & -2 \\ 6 & -2 & 0 \end{pmatrix}$$

$$P_{A}(\lambda) = \begin{vmatrix} 2 - 2 - 5 \\ -2 & 2t & 2 \end{vmatrix} = \begin{vmatrix} 0 & \frac{2^{2}t & 32 - 3}{2} & 2 - 5 \\ -2 & 2t & 3 & 2 \\ -5 & 2 & 2 \end{vmatrix} = \begin{vmatrix} 0 & \frac{2^{2}t & 32 - 3}{2} & 2 - 5 \\ -2 & 2t & 3 & 2 \\ 0 & -\frac{52-4}{2} & 2 - 5 \end{vmatrix} = 2 \begin{vmatrix} 2 & 2 & 5 \\ -\frac{52-11}{2} & 2 - 5 \end{vmatrix} = (2-5) \begin{vmatrix} 2^{2}t & 32 - 4 & 1 \\ -\frac{52-11}{2} & 2 - 5 \end{vmatrix}$$

$$V-1 \cdot \begin{bmatrix} 2y+62 = -x \\ 2x-3y-22 = -y \\ 6x-2y+22 = 0 \\ 6x-2y+4 = 0 \\ \end{bmatrix} = \begin{cases} x+2y+62=0 \\ 2x-2y-22=0 \\ 6x-2y+4 = 0 \end{cases} = \begin{cases} x-y-2>0 \\ x=-2 \\ x=-2 \end{cases}$$

$$\int_{0}^{-3} \frac{4}{x^{2}} \frac{4}{x^{2}} \frac{1}{x^{2}} \frac{1}{$$

$$dt(2) = \begin{vmatrix} \frac{1}{13} & \frac{1}{16} & \frac{1}{12} \\ -\frac{1}{15} & \frac{2}{16} & 0 \\ -\frac{1}{15} & -\frac{1}{16} & \frac{1}{12} \\ -\frac{1}{15} & -\frac{1}{12} & \frac{1}{12} \\ -\frac{1}{12} & \frac{1}{12} & \frac{1}{12} & \frac{1}{12} \\ -\frac{1}{12} & \frac{1}{12} & \frac{1}{12} \\ -\frac{1}{12} & \frac{1}{12} & \frac{1}{12} & \frac{1}{12} \\ -\frac{1}{12} & \frac{1}{12$$

An Fie LCR3 -L= <2(1,1,1),(1,-1,1)}, pil. pr. lui (1,2,3) peL Post o bara ostanozen pL 11= (+3, +3, +3) K= (13, 2-6) 12 $\| \hat{1}_{2} \| = \frac{8}{8} \frac{6}{9} = \frac{2}{9} = \frac{3}{3} = \frac{2}{12}$ 12= 13 (2 , 4 =) Ess = a class as letx2 Q1= x x . 11 = 253 C7= 45 /5>=0 X1=(2,2,2) ₹2=(-1,0,1) 11712= 12117+1121 14 = 12+2(A) L== f1> - . ; fx= = B=< f1> - - : | S ORTONOR MATTA x = aif 44 + 1 ex fx + xe 3 m roelx lije < 2, / j > 5.12 vorf. FoorkiEA Dibui at de gop. un B Walledit - tax2

B) en mot de touver to 2 [D] B = A AS

rules y fix) y.x LDA, LDB = 2-142 [9] - off 3: ==> 2 (80) ==> 8 bs. palareornalp Methologo (2) = 321, 223 diponolist. 2 it 2j, V2, LV2, KAz, y> = < x, Ay > simelais (3) B' & ORTO NORMAIN Q . 2 [] B' = [2] B' = (2,000) = dig . 2 blooking of ORTOGONALE Baragabos- (4, 27: <4/4 1:A > B, good (Rol weat) = 3 Ella 2 260tf) Tie & EV2, 11211=1 ; dor (EOC3) 9 EH = > (GEH $||f_{x}||^{2} = \langle f_{x}, f_{x} \rangle = 2^{2} ||x|| = 2^{2} \frac{1}{2} = 2^{2} \frac{1}{2}$ = ||x|| = 1hipe - 1, del = 1 V2 FeHix B= { x 18 1.4 2 h h - colo. a. 2 541, 4 2 6 H CfJB = (0 cHH] sandings TZ,y>=0 H) geH - 145x = 48 285= 0 => < 124>=0 = 1 = 1 5)= = A1x >= 6 (I'z) 1=-1, dt |=-1= bit (| | H) = 9 L(18 = (-100 cose sino) roman o radiolisi ris a radiolisi ris a radiolisi ris a ris a ris a rise cose sino cose sino con a radiolisi ris a rise cose sino cose sin cose sino cose sino cose sino cose sino cose sino cose sino cos 212) 2= 1, det |=-1, => det (| | | | | | | -1 = 7 Abra Trees (ER, B) (E) = signmen HIT 9.3 Marty = 42. 1/2= 42, B={x,4,42} [[]] = (100) 8 - (100) = (100) 2 =- 1 pol = 1 => out (44)= 1 = 8 = 2 # 1913423 o.g. ...
[1] B' = (-100) | Tain. John de ode:]

= in all rollie bis I be justed ware - (1,0,-0)> 15 1,0,101 = 12+02, 2 F2 => -1,0,-1)>=<(1,0,-1)> H. x-2=0 H = < (0,1,0,(1,0,1)> => < (0,1,0), (+2,0, +)> $B = \begin{cases} \frac{1}{r_2} \circ f_2 \\ 0 & 1 \end{cases} \quad B = \begin{cases} (f_2, 0, \frac{1}{r_2}), (0, 1, 0), (f_2, 0, \frac{1}{r_2}), (R) \\ 0 & \frac{1}{r_2} \circ f_2 \end{cases}$ doc CR]3-1*[R]1=>[R]-A[R]314 $\begin{bmatrix} A \end{bmatrix} = \begin{pmatrix} \frac{1}{r_1} & 0 & \frac{1}{r_2} \\ 0 & 4 & 0 \\ 0 & \frac{1}{r_2} & \frac{1}{r_2} \\ 0 & -\frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} \\ 0 & -\frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} \\ 0 & -\frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} \\ 0 & -\frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} \\ 0 & -\frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} \\ 0 & -\frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} \\ 0 & -\frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} \\ 0 & -\frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} \\ 0 & -\frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} \\ 0 & -\frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} \\ 0 & -\frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} \\ 0 & -\frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} \\ 0 & -\frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} \\ 0 & -\frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} \\ 0 & -\frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} \\ 0 & -\frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} \\ 0 & -\frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} \\ 0 & -\frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} \\ 0 & -\frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} \\ 0 & -\frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} \\ 0 & -\frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} \\ 0 & -\frac{1}{r_2} & \frac{1}{r_2} \\ 0 & -\frac{1}{r_2} & \frac{1}{r_2} \\ 0 & -\frac{1}{r_2} & \frac{1}{r_2} \\ 0 & -\frac{1}{r_2} & \frac{1}{r_2} \\ 0 & -\frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2} & \frac{1}{r_2}$ 11 (2) = 1 HC1 C32 = 18 - 1/7/4 + 8-2 = 0 Au Att. rine volleng. Vate de H: 2-2-0 4+= < (42,0,-12)> H = < 5(0,10), (1,0,1) B = {(0,1,0),(1,0,40),(1,10,-1)} $\begin{bmatrix} GB = \begin{pmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{pmatrix} - \text{order soir monopelox} \qquad \begin{bmatrix} GB = \begin{pmatrix} 0 & 1_1 & 1_2 \\ 1 & 0 & 0 \\ 1 & 0 & 1 \\ 0 & 1 & 1 \end{bmatrix} \begin{pmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 1 & 0 & 1 \end{pmatrix} \begin{pmatrix} 1 & 0 & 0 \\ 1 & 0 & 1 \\ 1 & 0 & 1 \end{pmatrix}$

T (8,4,2) = (2,4,2)

(4)

 $= \begin{pmatrix} 0 & \frac{1}{2} & -\frac{1}{2} \\ 1 & 0 & 0 \\ 0 & \frac{1}{2} & \frac{1}{2} \\ 0 & \frac{1}{2} & \frac{1}{2} \\ 0 & 0 & 1 \end{pmatrix} = \begin{pmatrix} 0 & 0 & 1 \\ 1 & 0 & 1 \\ 0 & 0 & 1 \\ 0 & 0 & 1 \end{pmatrix}$