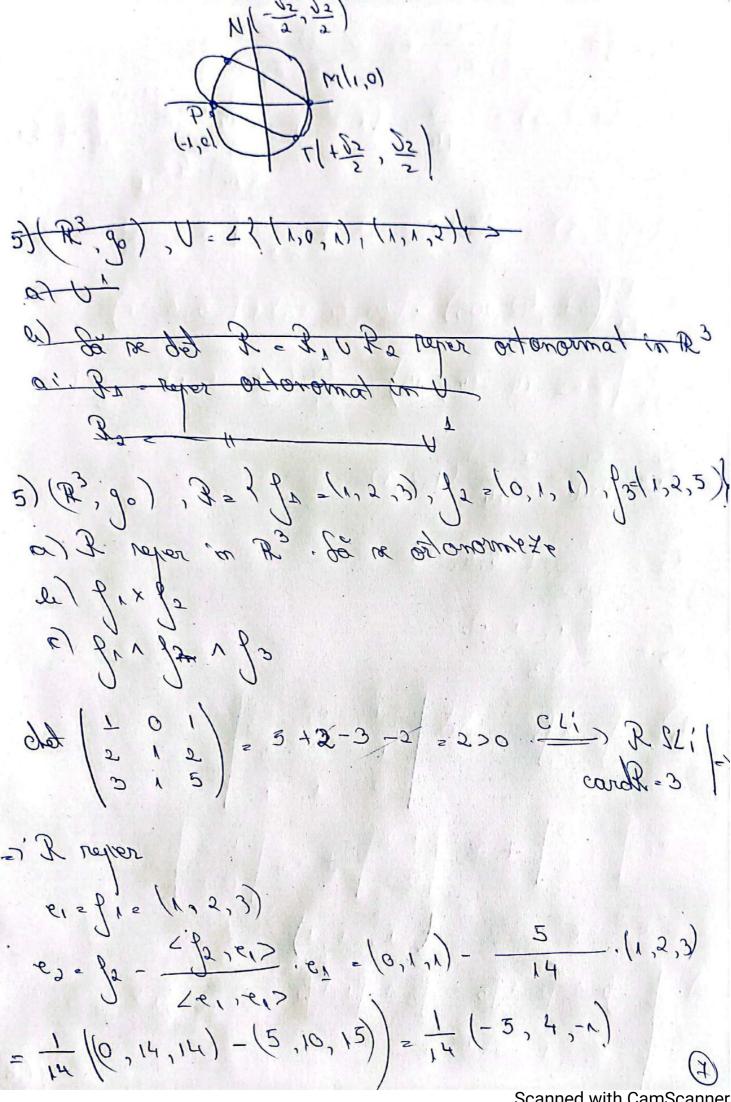
E luxued
1 9', 9' / report 4 in V - rapa ortogonal in V 90(9', 15')=0
90/91,15/1=0
85/20(-1, 1,50), 20 (1,2,0,2) rates expansional in 1
I = 3, UP2 report octoround in R4 = VED UI
l'eminore
Gratie vertorials endidiene. Repen ortonormate Procedent Dom- Schmidt.
$a) = \sum_{i=1}^{n} \sum_{j=1}^{n} \sum_{j=1}^{n} \sum_{i=1}^{n} \sum_{j=1}^{n} \sum_{j=1}^{n}$
$S = \frac{1}{3} = $
$g(x,y) = \sum_{i,j=1}^{2} g_{i,j} x_i y_i \Rightarrow g \in L(\mathbb{R}^2, \mathbb{R}^2; \mathbb{R})$
$\chi^{T} G Y$
G = \ Q \ C \ 2 G \ 21 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \

Metoda Jarobi D1 = | 0/ = 0 +0 D3 = | p c | = 0c - p = 0 0 + ch, ch by d = (x) = (x) = (x) = (x,x) = 0 (x) + 1 (x) + 1 (x) (x) = 0 (& pozitio definità es signatura ete 2,000 @ /x) = 0 x1 + 5 g x1 x3 + 6 x5 = - 1 (8 x 2 + 5 ap x 7 x + 6 x 5) - 6 x 5 + C x 3 = \frac{a}{1} (ax \tau + \beta x \frac{5}{2} - \frac{\beta}{8} \frac{x^5}{5} + 6 \frac{x^5}{5} 1 / 0x + 8x 3/ + DC - P5 x 3 $+\left(\frac{ac-b}{a}\right)\times 2^{2}$

D= (x e R3 / go (x, (1,1,-1)=0) U= 2 ((1,1,-1)) > R3 = 4 - 13 (1,1,-1) \$ U=2(x1, x2, x2+2) | x1, x2 eR } = 2/12,0,1),10,201/2 dim U = 2 } 2/9, 924 reper. Fran - Schmidt 615615. (1001) 60 = 25 - 575'6'> 67 $= (0,1,1) - \frac{1}{2}(1,0,1) = \left(-\frac{1}{2},1,\frac{1}{2}\right) =$ = = 1 (-1, 2,1) E, = 118,11 = T2 /1,0,1) 60 = 116011 = 15(-131) 11411 = 411M1 = 11M

29, 921 -> Lei, est -> (ei, est - R. was exponement refer orphor refer and en R= 4 1/2 (1,0,1), 1/6 (-1,2,1), 1/3 (1,1,-1) 4. 4) (¢,+,0)R, 9: C×C>R fra deliniarà 3i 6 = (25) matrice associaté lui q in ray cu do-(1,i) a) (1,9) of next. enr. real p us talpa ni races sto i-s=u/ll 6) < / mg > 7 etations lader extrails aifreventing else se à le En (6,90) 3; in (6,9) g(x,y) = 1 xxy + 2 xxy + 2 xxy + 2 xxy + 5 xxx / 2. $Q(x) = Q(x,x) = x_1^2 + 4x_1^2 x_2 + 5x_2^2$ = xx +2x1x2+ x2 = (x7 + 5x5 x + x3 = x1 + x2 solors aubaix 6 (- 0 il 2 vanpis a) => (19) D. 10. E. N.

le) 11 mll = Iq(u, u) = IQ(u) = 12-8+5.(-1)2. = = 54-8+5 = 51 2 1 c) < d m/> = = { ly , y) | g(m, y) = 0 4 = = \ y \ \ \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ | 2 \ -75 = 0 = 1 75 = 0 d) Roells=1, J2=i $e_{1} = \int_{1}^{2} e^{\frac{1}{2}}$ $e_{2} = \int_{2}^{2} - \frac{g(f_{2}, e_{1})}{g(e_{1}, e_{1})}, \quad e_{1} = x - \frac{g(f_{1}, e_{1})}{g(f_{1}, e_{1})}, \quad h = x$ $= x - \frac{2}{h} = f_{1} = f_{2} = f_{2} = f_{1} = f_{2} = f_{2}$ $= x - \frac{2}{h} = f_{1} = f_{2} = f_{2}$ e, = 1/e,1/= \frac{1}{19(1,1)} = 1 $e_{5} = \frac{11e_{5}11}{65} = \frac{10e_{5}11}{65} = \frac{1$ e) + * + + + = { x \in C | go(x, x) = 1 = x, 2 + x2 } Dedx + C | 9(x,x) = 1 = Q(x) = x1 + 4x,x2 + 5 x2 } 0= 1 sion + 2 his teas 4



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$$e_{3} = \int_{3}^{3} - \frac{2\int_{3}^{3} e_{3}^{3}}{(4i,4i)^{3}} - \frac{2}{14} \cdot (2) \cdot$$