Dicha Compo a Mifercolo 201 mayo 2024 94 Gram-Schmidt pera construi una box octo noimal 0) (1,1,1),(2,01), (2,4,2) u = (1,1) W = (2,01) - (2,0,1)(1,1,1) (1,11) - (20,1) - (2,01) (1,11) + (20,1) - (2,11) = (1,1) (1,1) Vz = (7,45) - (2,457(141) (1,1,1) - (12,45). (1,-1-6)- (1,-1-0) (1,-1,6) (1,1,0) Jul 2 (1/1) w = (2,4,5) - (2,415) (1,41) (1,1,0) 43 (-2/3, -2/2, 4/2) (1,1,1) -24 45 5 1 VG Jula 14/0 + 14/0 b) (3,2,0,), (1,5,-1), (5,-1,2) 77 u-3,2,0 y=(15,-1)-(1,5-1)(3,2,0) (3,20) -1(5,-0- (3,00) (-2,3,-1) (3,2,0):(3,2,0) 3= (6, -1,2)-B-12- 3,20 (3,20) (5,-1,2)-(+2,3,-1) (3,10) . (3,10)

Diano Compos

u <sub>3</sub> = (!	0,-1,2)-(3	(15-2+0) - (-15/	. (-5.3-1)		(-Z,3,-1))	
7 =		12,0)-(15/	2 0	17/~))		
70=	(-2,3,-1) V4941 V-1911	- 1714	3 -	1 7182	13 / 192 /	
6º De	termine vo	proyecció vectores		vector	v pobre el	vectox
	50 10	(1,2) - (1,2) (1,2) - (1,2)	(12)	717	.5	(12) (3.6)
b)vl-	(3,-	(3,-2) (3,-2) (3,-2) (3,-2) (3,-2)	(3,-2) =	(9)-4	) (3-2) >	(-3,2)

Diano Campos a Milercales 201 mayo 2024 C) V= (4,6,4), V= (1,2,3) 4112712 Proy, V= (4,6,4) - (1,2,3) (1,2,3) = (1,23) = 1(2,4,6) 1+4/9 d) v= (6, -8, 7), v = (-1,3,0) Pray N= (6,-8,7)-(-1,3,0) (-1,3,0)= -6,-24 (-1,3,0) - [3,-9,0] e) v= (1, 2,3,0), J= (1, 1, 2,3) 1+1+449 (1,-1,2,3) Roy v= (1,2,3,0)-(1,-1,2,3) (1,-1,2,3)= 5 (1, 1, 2,3) = (1, -1) Jun 13 Determine el novier y la magen de: 6 T(x, y, z) - (2x, y) de 123-022 Wocleo. 2 1 0,00 Nocleo & (x) y, TER /20, P 101 0 4=0 200. a) till 5/5 001 b Imagen {x,y) Elix x,y #0}

Diora Compos Miércoles 20 mays 2024 7º 7(x,y)= x-y de 122-012 Emagen 1 x ER 1 x x y vodeo & CXIY GR 1 X = 7 8º 1(v, v)= (x, y, z) de R2-9 R3 cocade 072=0 Imagen (4,4,2) (-12/x,4 (-12 13 -03) 00 1010 Notes & (x,y) & R | x - 0 N y - 0 } 10010 6) == 1 7 mayor { (x, y, 2) [ ] | xy [ ] 1 7 = 13 0 10 witeo x= 0 y=0 { x y = ERIX = 01 y=03 9) T(x)= (x, 2x, 3x) de R-0 R3 Images (x,y, E) ER E-32:014-2x-06 0 b-20 x 0, búlco 2 x 67 1 x 20 }

Diana Campo a Hércoles 29 mayo 2024 10° T(xy)= (x2y) de R2-R2 T(x1+x2) - (x1+x2 41x42) - (x1+x2)2, 41+42) T(V1) + T(V2) = (x241) + (x2+2) = (x2+x24) + 42) T(V,+V2) = T(V) + T(V2) No es una transformación mos 110 T(x, y, z) = (x+2y, x+y+z, 3z) de 123-> R3 1 2 0 1 9 Imager 2(x17)2 EIR 137x-6-0 000 1 = 10-6 (12010) Wileo 4-5-0 X+24=0 { xy, e) & 17 x+ 2y = 0 1 y=012=06