Examen Primer Parcial C.M. Jesus Emanuer Emiliano Roman 18266685

J. Sea (= G; #3j y D = 5; #4j = 3k dos vectores en 3 = oinenciones Calcule la Proyeccion vectorial y el angula entre
dinenciones calcule la proyección vectorios e el angula entre
C = (6, 5, 0) 0 = (5, 4, -3)
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
100/1-42 + + = < 30 + 12 + 0 > = 42
$P^{0}/C = 42$ $355 C = \sqrt{(6)^{2} \cdot (3)^{2} \cdot (0)^{2}}$
= 3\5
$D = J(S)^2 (4)^2 + (-3)^2 = 5Jz$

$P \% = D \cdot C \cdot C - 4Z \cdot C - 3,0)$
13/5/ (3/5/4)
1 + + + + + + + = = + < 4 < 4 < 4 < 4 < 4 < 4 < 4 < 4 < 4 <
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[]
3 / 3 / /
$\bigcirc = cos 0 \cdot c$
(p) -1c)
(3/2/1/2/3)
= 27.69 45 Angulo
┈╽╶┠┈┟┈┟┈╁┈╂┈╁┈┼┈┼┈┼┈┞┈┞┈┼┈╁┈╁┈╁┈┼┈╂┈╂┈╂┈┼┈╎┈┟┈┟┈┟┈╎┈ ╏┈╏┈╏┈╏┈
╌┧╶┠┈ ┞┈╃┈┟┈╂┈╂┈╂┈╂┈╂┈╂┈╂┈╂┈╂┈╂┈╂┈╄ ╌ ╂┈╊┈╁┈╁┈ ╂┈ ╏┈ ┼┈┼┈┼┈┼┈┼┈┼┈┼┈╎

2- (alcole el Para le le Pipedo con aristos adyasente PQ PPR; PS P(3,0,1)Q(-1,2,5) R(5,1,-1) 5(0,4,2) PQ = (30,1)(-1,2,5) = <-4,2,4) PR = (3,0,1)(5,1,-1) = (2,1,-2) Ps = (3,0,1)(0,4,2)= <+3,4,1) PQ = <41,2,4) PR<2,1,-2) PS = <-3,4,0 Altura $PR \times PS = 21.-2 = (1.1) + (-2.4) = (2.0) (-2.-3) = (3.4) = ($ + (2.4) - (1.23) x -3 +3 -+91+43+11* = <9,44,+11) = <-4,2,4) 1-36+8+44) v=16 U3

as a fine of a more of a second

3. Dado al vector Movimiento. Gra	fique una forcion	de la corra y el vector
	it (sen 3t); t	
r(t)=<-3 sen	t, + 3 cos t)) \tau (\tau \tau \tau \tau \tau \tau \tau \tau
	/6), 3 cos (/6);	
t r(t)		
7/6 (1.5, 2.59) 0 (0,3) 17/3 (-2.59,1.5)		

and the second s

(34)(芸+6) (1) L+ +2) + + 18 = 0 -9t 5418 74 -416 -0.1981 -8 7Q 16 4 41 90 = < - 279 41 164 96 41 (90) 12