

## UNIVERSIDAD POLITÉCNICA SALESIANA DISEÑO MULTIMEDIA

## • TAREA

	REA-ETERCICIOS
$\vec{0} = (2, 3, -\frac{1}{2})$	
B = (1,2,-1)	
$\vec{c} = (2\vec{i} + 5\vec{j} - 5\vec{k})$	
① d+b	<b>2</b> 3 + 5 + ₹
(2+1;3+2;+++(-1))	(2+1+2;3+2+5;-1/2+(-1)+(-5))
(3;5;-3/2)	(5;10;-13/2)
3 द - 6	1 + entile a v €
(2-1; 5-2; -5-(-1))	0 2(a) + 5(a) \ (-1\(-a)
(1;3;-4)	$\cos \theta = 2(2) + 3(5) + (-\frac{1}{2})(-5)$ $\sqrt{4+9-\frac{1}{4}} \cdot \sqrt{4+25-25}$
	$\cos \theta = \frac{4 + 15 + \frac{5}{2}}{\sqrt{5}\sqrt{4} \cdot \sqrt{4}}$
5 x Z	
5 x Z =   I F K	$\cos \theta = \frac{43}{2}$ $\sqrt{51}$ $\sqrt{51}$
1 2 -1	$\cos \theta = 43\sqrt{51}$
2 5 -5	54
i = (-10+5) = -5	0 1/42/0
$\vec{j} = (-5+2) = -3$	$\theta = \cos^{-1}\left(\frac{43\sqrt{51}}{2}\right)$
K = (5-4) = 1	Si
Bx2= (-52+3j+k),	