## Tugas I

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Kelas : B

a = [1,2,0] b = [3,-2,1]

Hitung sudut antara dua vektor tersebut

$$|a| = \sqrt{1^2 + 2^2 + 0^2}$$

$$|a| = \sqrt{1 + 4}$$

$$|a| = \sqrt{5}$$

$$|b| = \sqrt{3^2 + (-2)^2 + 1^2}$$
  
 $|b| = \sqrt{9 + 4 + 1}$   
 $|b| = \sqrt{14}$ 

· menghitung a.b

• menghitung sudut

a. b = |a||b| cos. θ

-1 = √5.√14 cos θ

-1 = 2.24 cos θ

(OS θ = -1

2.24

ZY10 - = 020)

when cari sudut  $\Theta$  odgin cara invers  $\cos \Theta$   $\Theta = (0s^{-1}(-0.45) - 0.0.45) \text{ saya bulatkan}$   $\Theta = (0s^{-1}(-1/2)) \text{ menjadi-0.5}$   $\Theta = (20^{\circ} \text{ V 240}^{\circ})$