

24)

$$\vec{u} = -5\mathbf{i} + 3\mathbf{j} - \mathbf{k}$$

$$|\vec{u}| = \sqrt{(-5)^2 + 3^2 + (-1)^2} = \sqrt{35}$$

dessa forma dotamos :

$$\vec{u} = \frac{-5}{\sqrt{35}}\mathbf{i} + \frac{3}{\sqrt{35}}\mathbf{j} - \frac{1}{\sqrt{35}}\mathbf{k}$$