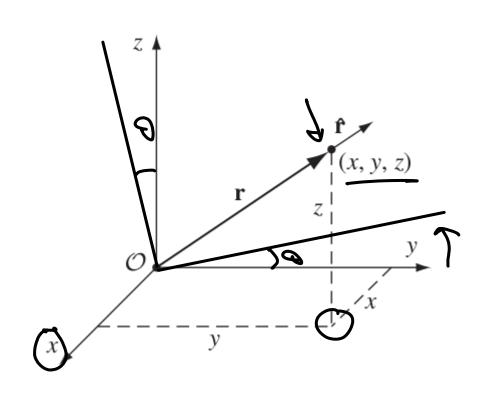
一一个文文中的方子不 (元, 元, 元) 3 = Br 2 + By 3 + Br 3 (;,;,k) (An 2 + An 3 + An 2) (Br n + BB &+ B+ E) Anon + Agog + ArBr (An x+ A) 3+ Ax x) x (Bx x+ By 3+ Bx x) 2 (423x - 4x 82) + 8 (AzBn - An Bz) + 7 (Ans y - Ay Bn)

Triple product Scalar product $\vec{A} = \vec{A} \times \vec{B} = \vec{C} \times \vec{B} \times \vec{B} = \vec{C} \times \vec{B} \times$ vector product $\vec{\mathcal{B}} \left(\vec{\mathcal{A}} \cdot \vec{\mathcal{C}} \right) - \vec{\mathcal{C}} \left(\vec{\mathcal{A}} \cdot \vec{\mathcal{B}} \right)$ る× (る×で) = A x (-\hat{\chi}) = an Be blane (Pointed towards right)

Position rector



$$\frac{x}{x} = \frac{x}{x^{2} + 3^{2} + x^{2}}$$

$$\frac{x}{x} = \frac{x^{2} + 3^{2} + x^{2}}{x^{2} + x^{2}}$$

$$\frac{x}{x} = \frac{x^{2} + 3^{2} + x^{2}}{x^{2} + x^{2}}$$

Separation Vector

The persition nector at which is a source

The separation rector of the respection rector.

The separation rector.

The separation rector.

Transforation of vectors

In order fer of to be called a nector

Say, we are going from (x,3,t) to $(\bar{x},\bar{g},\bar{t})$ -> relative to (x,y,\bar{t})

about x===

$$\overline{z}$$

$$\overline{\phi}$$

$$\overline{\phi}$$

$$\theta + \phi = \theta$$

$$\overline{A}_{g} = A \cos \overline{\theta} = A \cos (\theta - \Phi)$$

$$= A \left(\cos \theta \cos \phi + \sin \theta \sin \phi \right)$$

$$\begin{array}{l}
\overline{A}_{\chi} = A \otimes \overline{N} \overline{e} = A \otimes \overline{N} (Q - \varphi) \\
= A_{\chi} \otimes \overline{N} \otimes \overline$$

In compact form: $\overrightarrow{A}; = \sum_{j=1}^{3} R_{ij} A_{j} \qquad j=2=3$ $\overrightarrow{A}; = \sum_{j=1}^{3} R_{ij} A_{j} \qquad j=3=7$

Link to the Recording:

https://bennettu.sharepoint.com/sites/EPHY105L-Odd2021/Shared%20Documents/General/Recordings/Meeting%20in%20 General -20210930 134250-Meeting%20Recording.mp4