

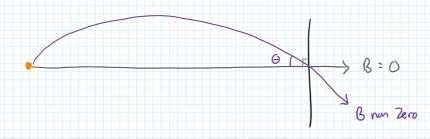
$\vec{b}(t) = \vec{r}_1 + (\vec{r}_2 - \vec{r}_1) t$	
dist = \(\bx^2 + \by^2 + \bz \)	
lau _ t	
lav = \$(t,t2)	
t = (

$$F = 8\vec{c} \times \vec{8}$$

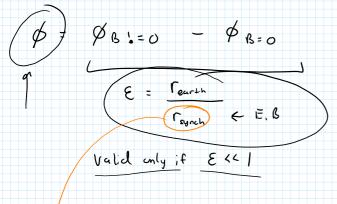
$$F = 8\vec{c} \times \vec{8}$$

$$\vec{a} = \vec{8} \vec{c} \times \vec{8}$$

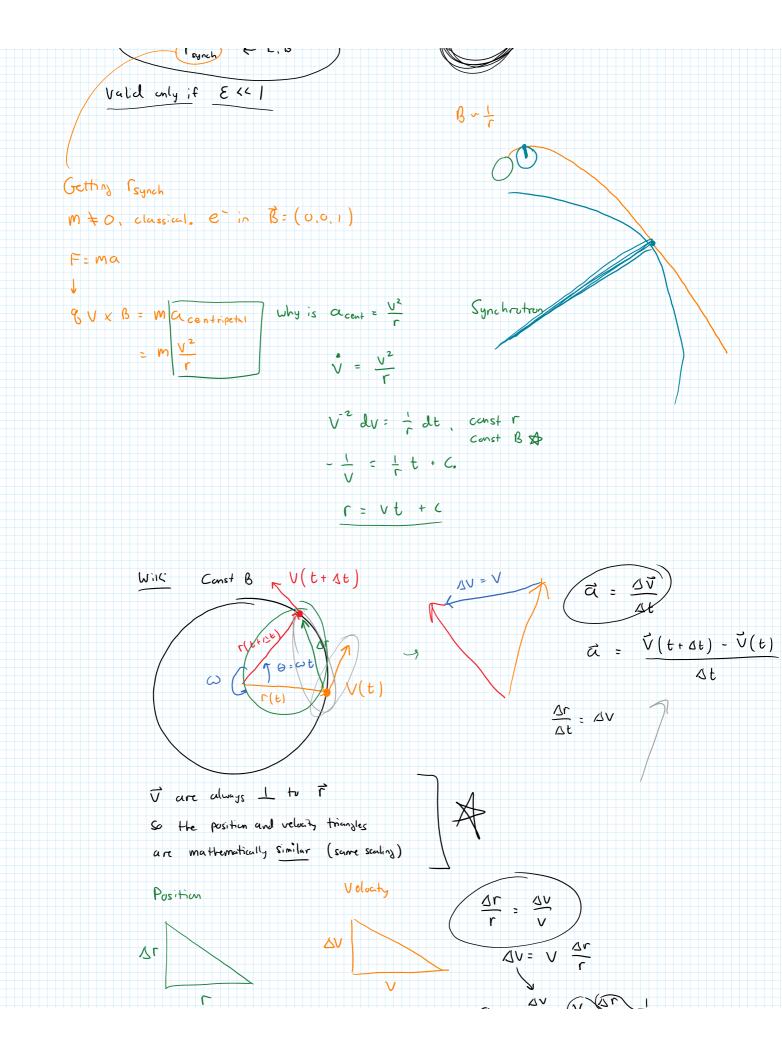
Top Own



Compare B numero to B zero







$$\alpha = \frac{\Delta V}{\Delta t} : V \stackrel{\text{or}}{\Rightarrow} \frac{1}{\Delta t}$$

Potential problems

(1) length contraction

- · Always many I to 7 (location)

Change Or? Yes

$$\frac{\chi \, \Delta \Gamma}{\Gamma} = \frac{\Delta V}{V} \Rightarrow \frac{V}{\Gamma} \chi \frac{\Delta \Gamma}{\Delta t} = \left[\chi \frac{V^2}{\Gamma} = \alpha_{cent} \right]$$

- - V in Y is the same V as the V in V2/r
- @ Synch ?

Punchline

$$\Gamma_{\text{synch}} = \frac{E \, V^2}{9 \, UB}$$

$$z V^2 = \frac{9}{E} K V B$$

lucation from union

$$V^{2} = \frac{\delta}{E} \times V \times S$$

$$V^{2} = \frac{g}{E} \times V \times S$$

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$$V^{3} = \frac{g}{E} \times V \times S$$

$$V^{4} = \frac{E}{g} \times V \times S$$

$$V^{2} = \frac{E}{g} \times V \times S$$

$$V^{3} = \frac{E}{g} \times V \times S$$

$$V^{4} = \frac{E}{g} \times V \times S$$

$$V^{5} = \frac{E}{g} \times V \times S$$

$$V^{6} = \frac{E}{g}$$

K = #2 [Matches intuition