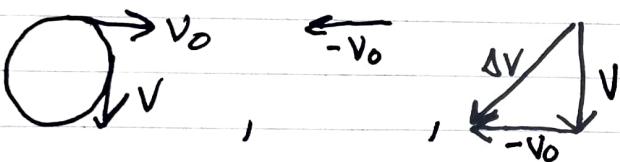


Centripetal force is not itself a force, per say, it is just ~~the~~ whatever force it takes to keep a mass ~~is~~ accelerating towards the center of a circular path.

Centripetal force is always perpendicular to the velocity.



$$\text{Also, } \Delta V = V - V_0 = V + (-V_0)$$



$\frac{\Delta V}{\Delta t}$ will get us avg V over t interval,
so place vector on average/middle of interval



And that is why direction of F_c & a_c points in the direction it does.

AP practice test had a tetherball problem...

