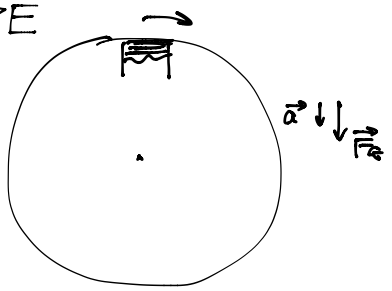
Feb 6th
From last time

$a_B \hat{\imath} = \frac{1}{m_B}(F_{A\,on\,B}\hat{\imath} - F_{C\,on\,B}\hat{\imath})$

MODEL CIRCULAR MOTION

VISUALIZE



$(F_T)\hat{r} = (n)\hat{r} + (F_G)\hat{r}$

$F_T = n + F_G$

The normal force has to

$\geq F_G$.