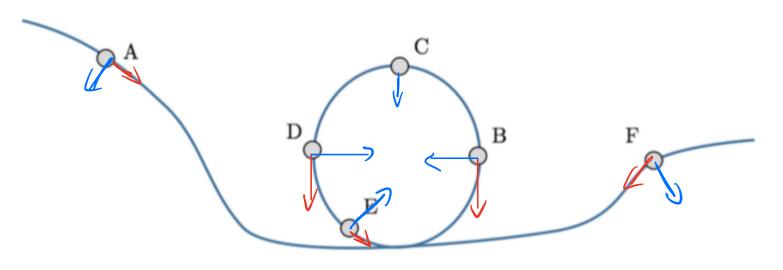


$$\begin{array}{ll}
\cdot & \leq \overrightarrow{F} = m\overrightarrow{a} \\
\text{Projedo sur } \overrightarrow{n}; \\
-mg + S = m \alpha_n \\
\Rightarrow S = m \frac{\sqrt{2}}{R} + mg
\end{array}$$

$$= m \left( \frac{\sqrt{2}}{R} + g \right)$$

12 R at die au peids



$$\Rightarrow \vec{a} - \vec{y} + \vec{g}$$

$$\begin{cases}
q_{np} = \cos \theta \text{ mg} \\
q_{tp} = \sin \theta \text{ mg}
\end{cases}$$

$$|N| = -\cos\Theta$$
 mg

$$\vec{a} = \frac{\vec{U}}{m} + \vec{g}$$
 $\vec{V}$  perpendiculaire à la surface de l'aisen
 $\vec{a} = \frac{v^2}{R} \vec{n}$ , R rayon de courbine
 $\vec{a} = \frac{d\vec{v}}{dt}$ , longert mut

