

Lesson 2.3

(horizontal part)

Gravity: $F_g = \frac{Gm_1m_2}{r^2}$

Tension: F_T

Friction: $F_f = m \cdot g \cdot \mu$

F_c

$= m \cdot$

a_c

$a_c = \frac{v^2}{r}$

$a_c = \frac{4\pi^2 r}{T^2}$