

$$\frac{\partial v}{\partial x} = \frac{v}{(\partial x + \partial x)} = \sqrt{\Delta}$$

$$\frac{\partial v}{\partial x} = \frac{v}{(\partial x + \partial x)} = \sqrt{\Delta}$$

$$\frac{\partial v}{\partial x} = \frac{v}{(\partial x + \partial x)} = \sqrt{\Delta}$$

$$\frac{\partial v}{\partial x} = \frac{v}{(\partial x + \partial x)} = \sqrt{\Delta}$$

$$\alpha = \frac{usin\theta}{\cos\theta} \cdot \lim_{\Delta t \to 0} \frac{\Delta \theta}{\Delta t}$$

$$\Delta\theta \gtrsim \frac{BA^1}{OB} \gtrsim \frac{U\Delta t \tan \theta}{h/s \dot{c} n \theta}$$

$$\therefore \alpha = \frac{u^2}{h} \tan \theta$$

设的下落人后右半部的速度为心体系、动量为P=与今2 dt 目i回 后  $\frac{dP}{dt} = -\frac{\partial v}{\partial t} + \frac{1-x}{2} \frac{\partial v}{\partial t}$ dx = V 由于右半部分自由落体 .. V= [29x.  $\frac{2}{\sqrt{100}} \frac{dv}{dt} = 9$ . : PL9 - FT = - Pgx + -xpg : FT = L+x Pg + Pxg

即重社公司产中水 ①

m1 / = m2 V 2 机械能净值。

mig (= = = miVi + = meV2

 $V_2 = \sqrt{\frac{2m_1^2gl}{m_2^2 + m_1m_2}}$ 

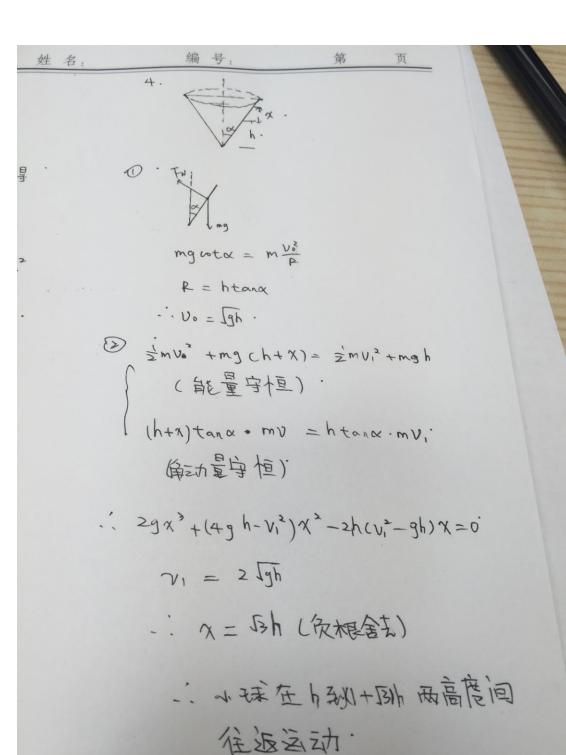
行故 工力:

RZ M, FJE.

(migl+w= = 1 mivi2

 $V_1 = \frac{m_2}{m_1} v_2 .$ 

 $\sum_{n=1}^{\infty} W = \frac{-m_1^2 g V}{m_1 + m_2}$ 



DA POOR FOR FOR MAN TO BE MAN TO BE

在A加脱离接面之间 质CC型的助距离 恒为量

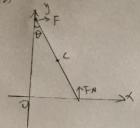
: C在以o为圆点之料径的圆上做圆周运动。 过 c 做 L 上 oc · 释放 瞬间 Vc = o : an = o ·

··(mg-Fn)cose。= Fsine。① 设棒转动角速度为w 我们尝试从几何关系。由 Vc和W的关系。

 $W = \frac{\theta_1}{\Delta t}.$   $\theta_1 = .\alpha_1 - \alpha_2$ 

 $V_{c} = \frac{1}{2}W$   $C = \frac{1}{2}W$   $C = \frac{1}{2}B$   $C = \frac{1}{2}B$ 

 5.12)



建立直角坐标等。

$$\pi c = \frac{1}{2} sin\theta \quad y_c = \frac{1}{2} cos\theta$$

$$\dot{\chi}_{c} = \frac{1}{2}\omega_{S}\theta \cdot \dot{\theta}, \dot{y}_{c} = -\frac{1}{2}\sin\theta \dot{\theta}$$

$$\vec{\chi}_{i} = \sum_{i} \cos \theta - \frac{1}{2} \sin \theta (\dot{\theta})^{2}$$

$$\dot{y}_{c} = -\frac{1}{2} \sin\theta \, \dot{\theta} - \frac{1}{2} \cos\theta \, \dot{\theta}^{2}$$

 $mg = \frac{1}{2} \cos \theta_0 = mg = \frac{1}{2} \cos \theta + \frac{1}{2} m(\lambda c + 4c) + \frac{1}{2} J_c \dot{\theta}^2$ 

JC= EML2 AX.

那可解得

$$\theta = \frac{3g \sin \theta}{2L}$$

7ic = 29 szno (3000 - 2000) yi = 29 69 6000 - 3 -6 6000 60000)

:, F = 3 mgszno (3000 - 20000)

FN = 4mg(1+9030 -600000000)

当日二日。时结果与川相同...可见此方法也可用于川来解.

FN = 年内[(310000-10000)2+1-100200,]

B从 B、增加到于 FN恒大于 O

不 B从 B、增加到于 互程中

下随着 1000 私小,将从正变为负 二下二0时目内的 即为分m

: 30010 = 500100.

: θm = arc ως ( = 10,00)

▲ 此版也可用川方法、綁,这里给出一种新助方法、...