ソン・ソル + マン、ひょこ リアキダル 1) m V== mv,+mv2

$$\frac{MV_0^2}{2} = \frac{MV_1^2}{2} + \frac{MV_2^2}{2}$$
=>  $V_1 = 0$  =>  $V_2 = V_0$ 

mos= mo, + mo,

ds = vdt -> jds = judt

$$\sum_{i=1}^{N} \sum_{i=1}^{N} \sum_{i$$

$$\omega = \frac{1}{R} = \frac{1}{N}$$

$$\Gamma = \frac{1}{N} = \frac{1}{N}$$

$$=\frac{1}{2\sqrt{1}}=\frac{\sqrt{2}}{2\sqrt{1}}$$

Nι

Dans: Perrenne:

W.g.

m,, m,, m 1) m, a= G- KN k, v, = 0 m, cy= N

a) mac=mag-[, 3)] [= [2 k-[, R

mera = R(m,g-m,a-m,a-km,g)

 $\alpha = \frac{m_2 - km_1}{\frac{1}{2}m_1 + m_2} \cdot 9$ 

ATp = F. S cosii = - KNS(4)

 $S = \frac{\alpha t'}{2}$   $A = -\frac{k \, mg^{2}(m_{2} - km_{1})}{2(m_{1} + m_{2} + \frac{m}{2})} = -\frac{(m_{2} - km_{1})k m_{1}g^{2}}{m_{1} \cdot 2(m_{1} + m_{2})}$ 

$$L = \frac{5}{400} = 925 = 50$$
  $C_5 = \frac{20}{59} = 50$   $C_5 = \frac{20}{59}$ 

$$a_{\tau} = \frac{dv}{dt} = \frac{dv ds}{dt ds} = \sqrt{\frac{2\lambda}{m}} \cdot \sqrt{\frac{2\lambda}{m}} = \frac{\lambda\lambda}{m} s$$

$$\alpha = \overline{\alpha}_{\tau} + \overline{\alpha}_{n}$$

$$\frac{3}{3} = \frac{3}{3} = \frac{3}{3} \times 3$$

$$\alpha v = \frac{2}{2} = \frac{mb}{3} s_3$$

$$\alpha_{N} = \frac{\sqrt{3}}{R} = \frac{2\lambda}{MR} s^{2}$$

$$f = ma = m \int \alpha_1^t + \alpha_2^t = \sqrt{\left(\frac{2\pi^2}{m^2}\right)^2} + \left(\frac{mg}{mg}\right)^2 \cdot m =$$

N4

Dans: 1=30° 1 M=5 m M M M

SCU:

1.  $mv_1 = musin\theta$   $= \sum_{i=1}^{n} \frac{mv_i^2}{2} + \frac{mu^2}{2}$   $= \sum_{i=1}^{n} \frac{mv_i^2}{2} + \frac{mu^2}{2}$ 

 $V = \frac{M}{m} u \cos \theta$   $\overline{l}_0 = \frac{m M^2}{a m^2} u^2 \sin^2 \theta = \frac{M^2}{2 lm} u \cos \theta$ 

 $V = \frac{M}{m} U \sin \theta$   $= \sum_{k=1}^{M^2 U^2 \sin^2 \theta + m M U^2} \lambda m$ 

 $\frac{T_0}{T_K} = \frac{M \cos^2 \theta}{M \sin^2 \theta + m} = \frac{\frac{M}{m} \cos^2 \theta}{\frac{M}{m} \sin^2 \theta + 1} = \frac{5}{3} = 3$ 

To= 3 Tk => Tk = 0,6 To

Ombern: Kun riepue yuenbeumlacs na 40%



NS