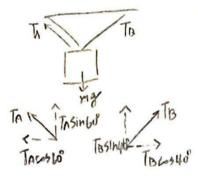


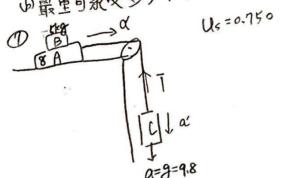
180°-60°-40°= 80°



斯重= TA SIN bo + TB Sin 40° = 5200 NX 型+5000 x 0.6427 = 4.500 12 + 513 5= 2543.6 TALOS 60° = TB 655 40° (満足净力平領テ) = 7544 COS 60° < COS 40°

a TA > TIS

(a)左網施制/EX較大 的最重可承受多少? 7544 N



A和B不分離的情况下最大作用力=? 1 (Matmb+Mc) = Mc & 7,75x(13+Mc) = Mcx 9.8 13×7.75 = (9.8-7.75) MC 13×7,75 = Mc=79 A= 29 kg

$$M_{3} = 9.8m$$

$$V_{4} = V_{3}h + 2\frac{dv}{dt}d$$

$$V_{5} = 0 + 2x \frac{dv}{dt}d$$

$$V_{6} = 0 + 2x \frac{dv}{dt}d$$

$$V_{7} = 0$$

$$\begin{array}{ll}
P = mg = ma \\
F = m(a+g) \\
= 20(9.8-5.625) \\
F = 83.5N & R = 83.5N
\end{array}$$

$$F = \pm DL \cdot f = k\Delta \chi$$

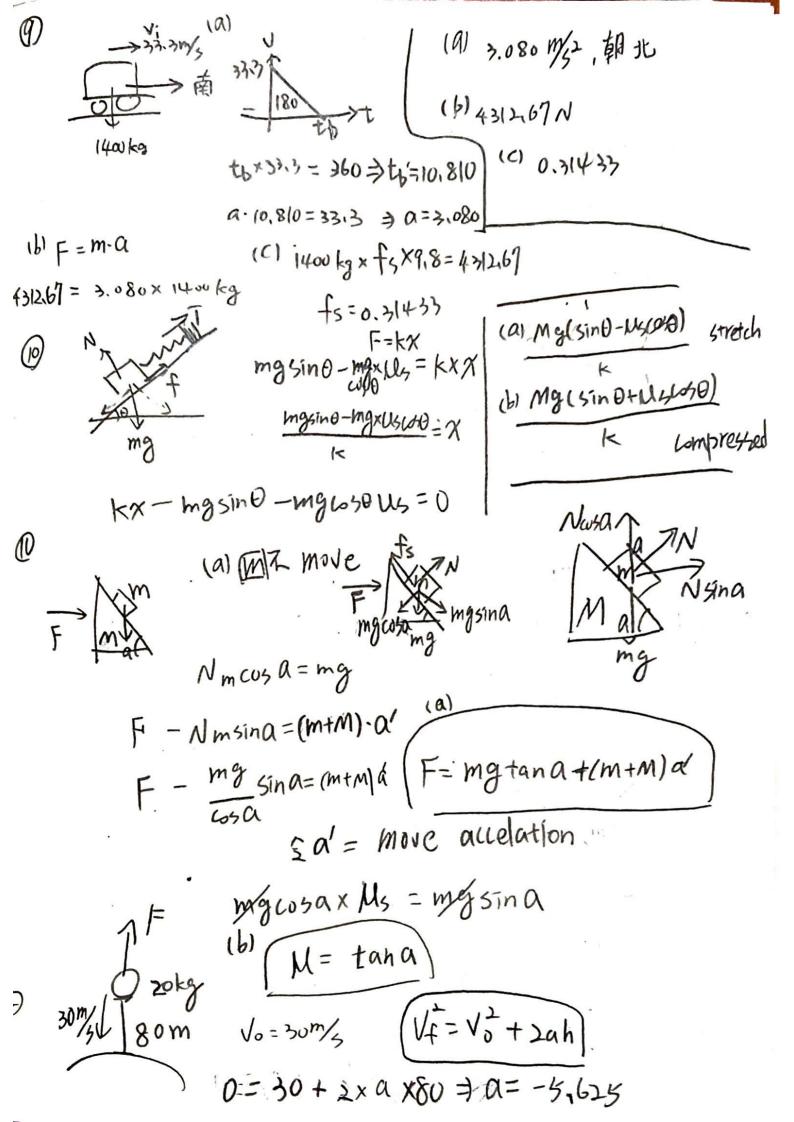
$$\pm ML = \Delta \chi$$

$$= 18 - 7.42 = 10.58 = m \cdot \alpha = 6 \times \alpha = 0.763$$

$$= \sqrt{18 - 1.763} = \sqrt{14} \Rightarrow \sqrt{14 - 1.763}$$

$$= \sqrt{14} \Rightarrow \sqrt{14} = 24.686$$

(b)
$$5.0 \text{ km} \div 10 = \frac{1}{5} \text{ hr} \quad \frac{1}{5} \times 100 = 350 \text{ km}$$
 $1 \text{ w} = 1 \frac{7}{3} = 60 \times 60 \text{ J}$ $5 \text{ km} \div 3 = \frac{5}{5} \text{ hr} \quad \frac{5}{5} \times 290 = 483.5 \quad 350 \div 3600 = 2.0971 \text{ J}$



483.3-3600号0.13475 J数 A=图 200 < 290 300 < 300 × 311 10 96.6