



$$\textcircled{2} \delta) N = \frac{mg}{\cos \theta}$$

$$\textcircled{1} \text{代入}$$

$$ma = \frac{mg}{\cos \theta} \sin \theta$$

$$a = g \cdot \tan \theta$$

$$\textcircled{3} \text{代入}$$

$$M \cdot g \tan \theta = F - \frac{mg}{\cos \theta} \cdot \sin \theta$$

$$Mg \tan \theta = F - mg \tan \theta$$

$$\therefore F = \underline{(M+mg)g \cdot \tan \theta}$$

物体

$$\begin{cases} ma = N \sin \theta \quad \textcircled{1} \\ N \cos \theta = mg \quad \textcircled{2} \end{cases}$$

台

$$\begin{cases} Ma = F - N \sin \theta \quad \textcircled{3} \\ N' = N \cos \theta + Mg \quad \textcircled{4} \end{cases}$$