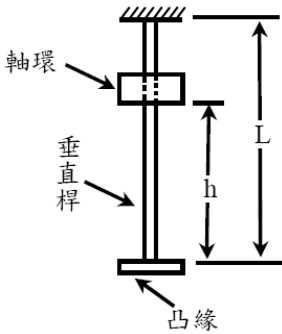
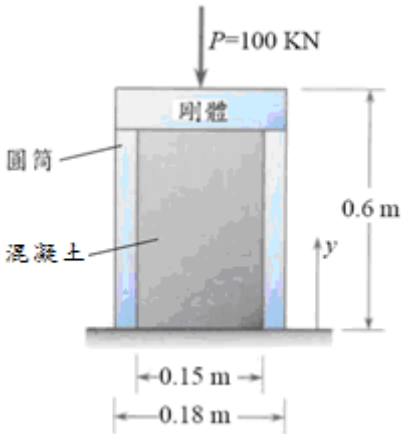
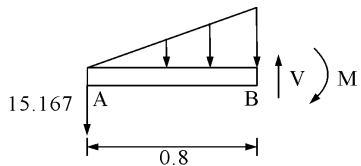
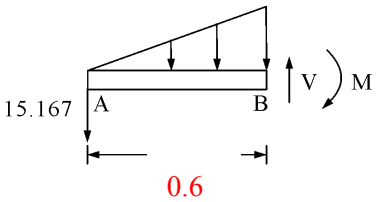
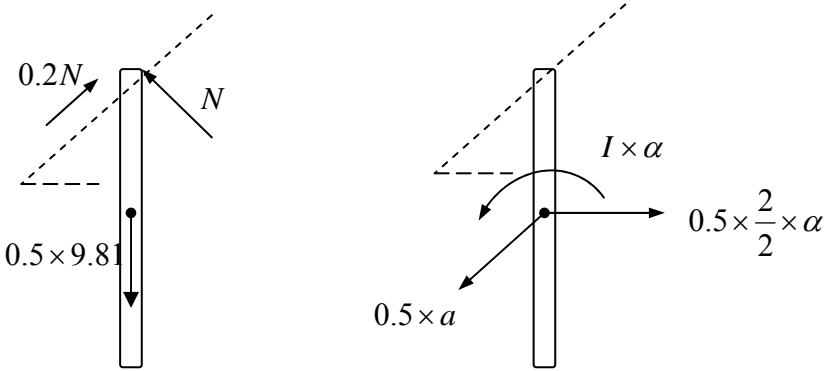


	位置	原文	更正
67	第 13 行	$\Rightarrow \cos\theta[3p-2k\ell(2\ell\sin-\sqrt{2}\ell)]=0$	$\Rightarrow \cos\theta[3p\ell-2k\ell(2\ell\sin-\sqrt{2}\ell)]=0$
94	第 7 行	...摩擦力=27.76(N)	...=摩擦力= $N \times \mu = 67.43 \times 0.25 = 16.858$
71	範例 7 解析 第 8 行	(1)當 $\theta=90^\circ$ 時： $k \cdot \delta = 400 \times (1.2-3) = 360\text{N}$	(1)當 $\theta=90^\circ$ 時： $k \cdot \delta = 400 \times (1.2-0.3) = 360\text{N}$
152	範例 3 題目之圖		
197	解析 倒數第 4 行	$F_A=40(\text{kN})$, $F=80(\text{kN})$	$F_A=24(\text{kN})$, $F=64(\text{kN})$
215-2 16	倒數第 3 行	取 AB 段左端之自由體圖  $\Sigma F_y = 0 \Rightarrow V = 15.167 + 130 \times 1.4 \times \frac{1}{2} \times \left(\frac{0.8}{1.4}\right)^2 = 44.88\text{kN}(\uparrow)$ $\Sigma M_A = 0 \Rightarrow M = 20.06\text{kN} \cdot \text{m}(\curvearrowright)$	取 AB 段左端之自由體圖  $\Sigma F_y = 0 \Rightarrow V = \dots \left(\frac{0.6}{1.4}\right)^2 = 31.88\text{kN}(\uparrow)$ $\Sigma M_A = 0 \Rightarrow M = 12.44\text{kN} \cdot \text{m}(\curvearrowright)$ $V_{\max} = 3.188\text{kN}$ $\frac{V_{\max}}{A} = \frac{3}{2} \times \frac{31.88}{0.04 \times 0.06} = 19925(\text{kpa})$ $M_{\max} = 12.44\text{kN} \cdot \text{m}$ $(\sigma_c)_{\max} = (\sigma_t)_{\max} = \frac{M_{\max} \times y}{I}$ $\quad \quad \quad \times \frac{12.44 \times \frac{0.06}{2}}{\frac{1}{12} \times 0.04 \times 0.06^3} = 518333.33(\text{kpa})$ $\Rightarrow \sigma_{\max} =$
335	最後 1 行	$\dots = -60\vec{i} + 480\vec{j}$	$-480\vec{j}$

377	第 7 題解析	<p>(一)斜板為光滑斜面(0.2N=0)</p> $\sum M_A = I\alpha + \sum mad$ $0 = \frac{1}{12} \times 0.5 \times 2^2 \times \alpha + 0.5 \times \frac{2}{2} \times \alpha \times \frac{2}{2} - 0.5 \times a \times \frac{2}{2} \times \cos 30^\circ \dots(1)$ $\sum F_x = ma_x$ $0.5 \times 9.81 \times \sin 30^\circ = 0.5 \times (a - \frac{2}{2} \alpha \times \cos 30^\circ) \dots(2)$ <p>由(1)(2)解得 $a=11.2(m/s^2)$、$\alpha=7.27(m/s^2)$</p> <p>(二)斜板有摩擦</p> $\sum M_A = I\alpha + \sum Mad$ $0 = \frac{1}{12} \times 0.5 \times 2^2 \times \alpha + 0.5 \times \frac{2}{2} \times \alpha \times \frac{2}{2} - 0.5 \times a \times \frac{2}{2} \times \cos 30^\circ \dots(1)$ $\sum F_x = ma_x$ $0.5 \times 9.81 \times \sin 30^\circ - 0.2N = 0.5 \times (a - \frac{2}{2} \alpha \times \cos 30^\circ) \dots(2)$ $\sum F_y = ma_y$ $-0.5 \times 9.81 \times \cos 30^\circ + N = -0.5 \times (\frac{2}{2} \alpha \times \sin 30^\circ) \dots(3)$ <p>由(1)(2)(3)解得 $a=8.6(m/s^2)$、$\alpha=5.58(m/s^2)$、$N=2.85$</p> 	
464	第四題解析 最後 1 行	最大彎矩= $M_2=-145.8t$	最大彎矩= $M_1=102.6t$