



斜面上沿x軸をとり。  
I > 1 = ...

$$v_y = v_0 \sin \alpha + (-g \cos \theta) \cdot t$$

$$0 = v_0 \sin \alpha - g \cos \theta \cdot t'$$

$$t' = \frac{v_0 \sin \alpha}{g \cos \theta}$$

5.7

$$\frac{2h_0 \sin \alpha}{g \cos \theta}$$

(2) ~~$$x = v_0 \cos \alpha \cdot t + \frac{1}{2} (-g \sin \theta) \cdot t^2$$~~

$$x = v_0 \cos(\theta + \alpha) \cdot \frac{2h_0 \sin \alpha}{g \cos \theta}$$

$$= \frac{2h_0^2 \sin \alpha \cos(\theta + \alpha)}{g \cos \theta}$$

