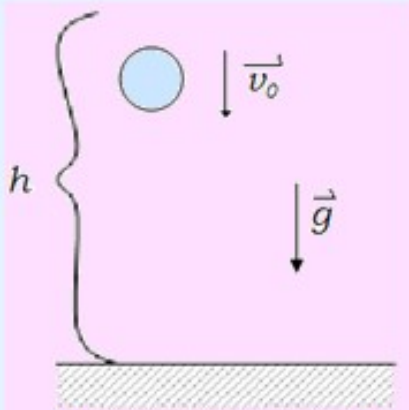


PROSTI PAD iN NAVPIČNA META

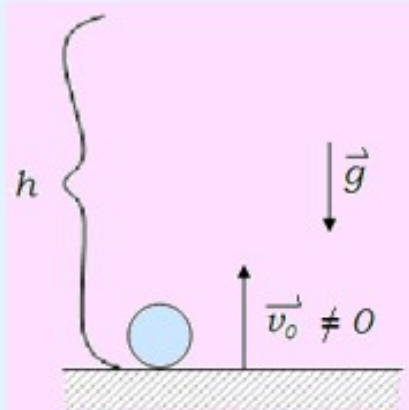


navpični met - navzdol

$$v = v_0 + gt$$

$$h = v_0 \cdot t + \frac{1}{2} g \cdot t^2$$

$$v^2 = v_0^2 + 2 \cdot g \cdot h$$



navpični met - navzgor

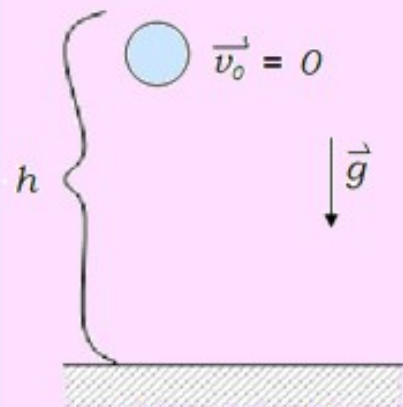
$$v = v_0 - gt$$

$$h = v_0 \cdot t - \frac{1}{2} g \cdot t^2$$

$$v^2 = v_0^2 - 2 \cdot g \cdot h$$

g-gravitacijski pospešek
 $g = 9,81 \text{ m/s}^2$
 $g = 10 \text{ m/s}^2$
 $a = (v_k - v_z) / t \rightarrow v = v_0 + at$
 $s = v_0 \cdot t - \frac{1}{2} a \cdot t^2$
 $v^2 = v_0^2 + 2 \cdot a \cdot s$

$s \rightarrow h$
 $a \rightarrow g$



prosti pad

$$v = gt$$

$$h = \frac{1}{2} g \cdot t^2$$

$$v^2 = 2 \cdot g \cdot h$$