

$$70 \text{ km/h} = \frac{70 \times 1000}{3600} = \frac{700}{36} = 19,44 \text{ m/s}$$

$$v = 70 \text{ km/h} \approx 19,44 \text{ m/s}$$



$$v=0$$

$$\uparrow$$

$$t=0$$

	A	P
$v(t=t_0)$ [m/s]	19,44	0
$x(t=t_0)$ [m]	0	0
$a(t=t_0)$ [m/s <sup>2</sup> ]	0	2

Método de Euler

$$v(t) = \frac{x(t + \delta t) - x(t)}{\delta t} \quad (\Rightarrow) \quad x(t + \delta t) = x(t) + v(t) \delta t$$

$$v(t + \delta t) = v(t) + a(t) \delta t$$