

$$V_x = V_0 \cos \alpha \quad \leftarrow \quad V_x(t) = c + te.$$

$$V_0 = V_i$$

$$V_y = V_0 \sin \alpha \quad \leftarrow \quad V_y(t) = V_y - gt = V_0 \sin \alpha - gt$$

$$g = 9,81 \quad \checkmark$$

$$\pi = 3.141592 \quad \checkmark$$

$$\rightarrow X(t) = X_0 + V_x t \quad \text{initial}$$

$$\rightarrow Y(t) = Y_0 + V_y t - \frac{1}{2} g t^2 \quad \text{parabólico.}$$

Definición:

Creencia o

opinión

posiciones de azar.

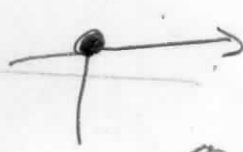


$$H_0 = Y_0 = 100m$$

$$0 = X_0$$

$$H_D = Y_D = 100m$$

$$= X_D.$$



$$\text{radianes} = (\text{grados}) \frac{\pi}{180^\circ}$$

$$t_0 \quad \checkmark$$

$$\alpha_0 = \text{grados} \quad \checkmark$$

$$V_{i0} \quad \checkmark$$

$$V_{x0} \text{ calcula}$$

$$V_{y0} \text{ calcula}$$

$$X_{i0} = 0$$

$$Y_{i0} = H_0$$

$$X_0$$

$$Y_0$$

calcula bala

Valores dados por el impulsor (✓)

$$t_0$$

$$\alpha_0 = \text{grados}$$

$$V_{i0}$$

$$V_{x0}$$

$$V_{y0}$$

$$X_{i0}$$

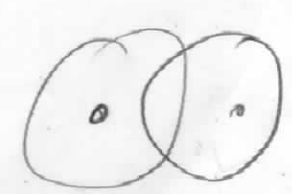
$$Y_{i0}$$

$$X_0$$

$$X_0.$$

$$X(t) =$$

$$Y(t) =$$

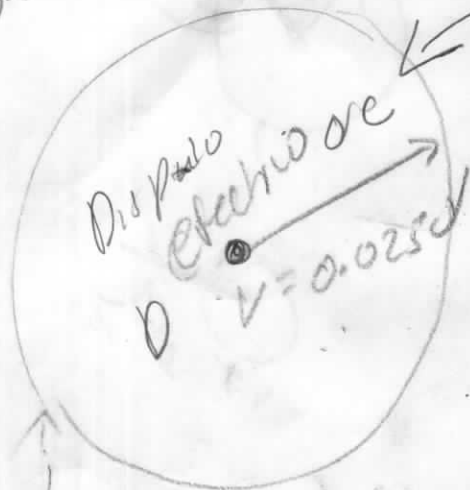


Varjo de dehuación

Definido.

Base D 0.025d

Base D



$r = 0.025d$

$f = 2.5$

$r = 0.01d$

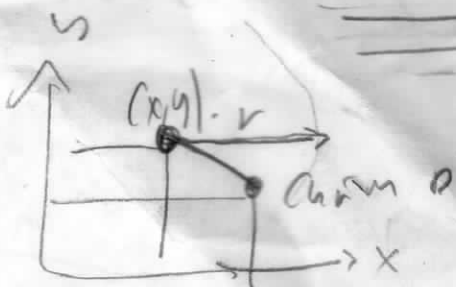
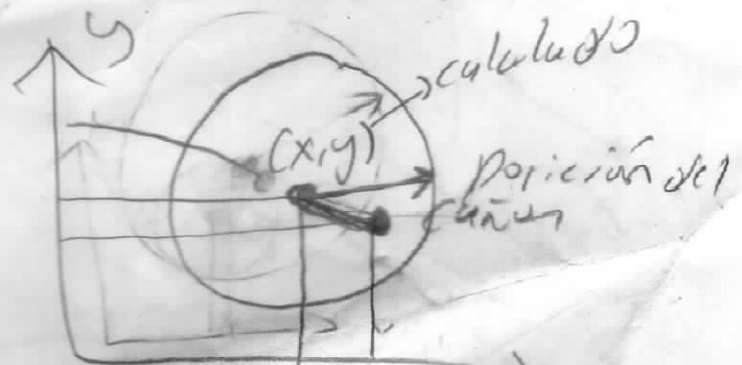
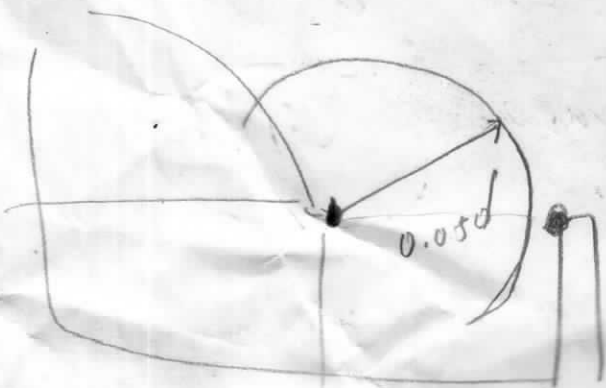
5%

2.5%

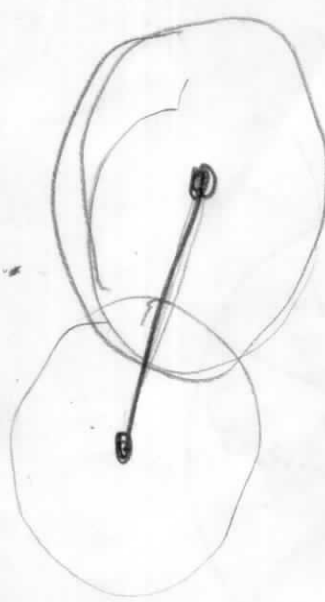
$d = 600 m$

$d_0 = 0.05d$

$d_0 = 0.025d$



$$\sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$



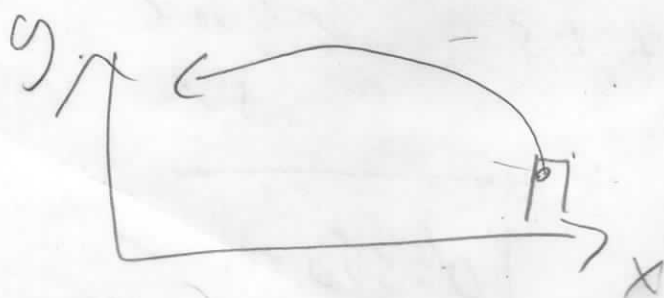
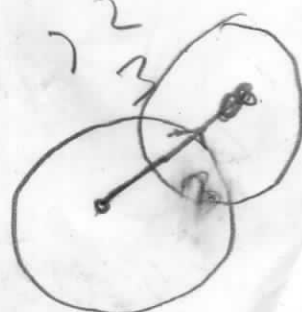
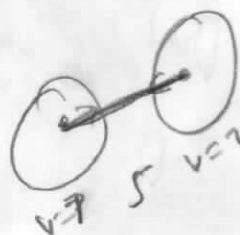
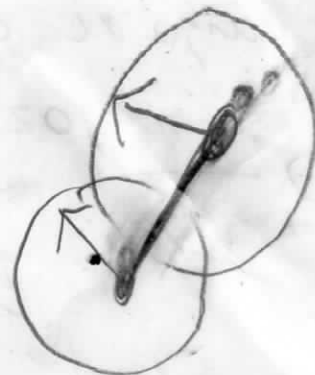
Dipolo eléctrico.

$$V = \frac{q}{r} + \cos(\theta)$$

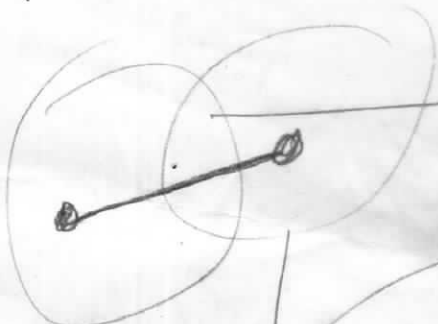
$$V_y = \frac{q}{r} \sin(\theta) - g^0$$

$$X = 0 + V_x \cdot t$$

$$y = 200 + V_y t - \frac{g}{2} t^2$$



Velocidad
negativa
de impulso
en 0.



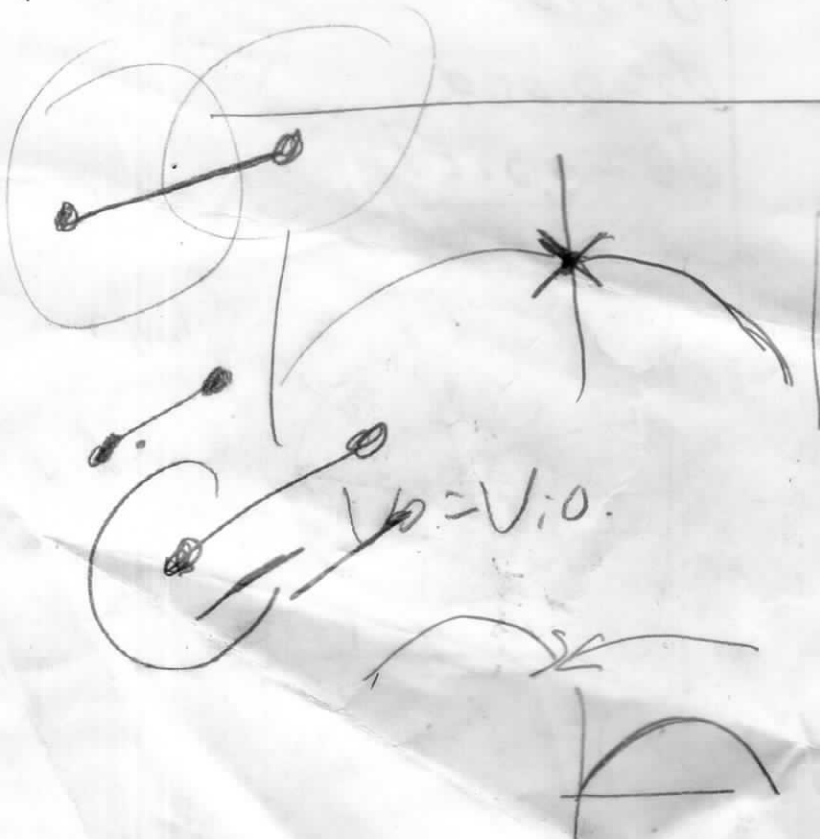
retardo de 2,55

altura máxima

$$X_{max} = \frac{V_0^2 \sin(2\phi)}{g}$$

g

$$y_{max} = \frac{V_0^2 \sin^2(\phi)}{2g}$$



Ofensivo

Ofensivo

Defensivo

Defensivo

Dispara si se llega a
cero al cañon.

Distancia defensiva

Defensa efectiva.

Sistema de defensa, donde
disparar que van a dañar.

$$X(t) = X_0 + v_x t$$

$$V_x(t) = \text{cte}, V_0 \cos \alpha$$

$$Y(t) = Y_0 + V_y t - \frac{1}{2} g t^2$$

$$V_y(t) = V_y - g t = V_0 \sin \alpha - g t$$

$$g = 9.87 \text{ m/s}^2$$

$$V_x = V_0 \cos \alpha$$

$$V_y = V_0 \sin \alpha$$

Claves:

Bolsa: tener todo lo necesario para un
momento puntual

Cupon: cosa que se va a disponer.

Gerencia de cupones: Gerencia de cupones necesarios
para compensar el
cupon que sea ofensivo o defensivo

Disposicion ofensiva: Gerencia para poder
dependiendo de la operacion de defensa o
solo cancelar el dispos.

Disposicion defensiva: