$$m_1 \mathcal{U}_1 + m_2 \mathcal{U}_2 = m_1 \mathcal{V}_1 + m_2 \mathcal{V}_2 - \frac{1}{2}$$

$$P_1' + P_2' = P_1 + P_2'$$

$$P_1' + P_2' = P_1 + P_2'$$

$$P_1' + P_2' = P_1 + P_2'$$

$$M, U_1 + M_2 U_2 = M, V_1 + M_2 V_2 - ...$$
 (1)

Sol. $P_1^1 + P_2^1 = P_1^2 + P_2^2$; $E_1^2 = 0$

Usundo gue
 $0 = U_1 = U_2$; $0 = M_1, V_1 + M_2 V_2 = V_2 = -\frac{M_1 V_1}{M_2}$; $M_1 = 4 k_2$

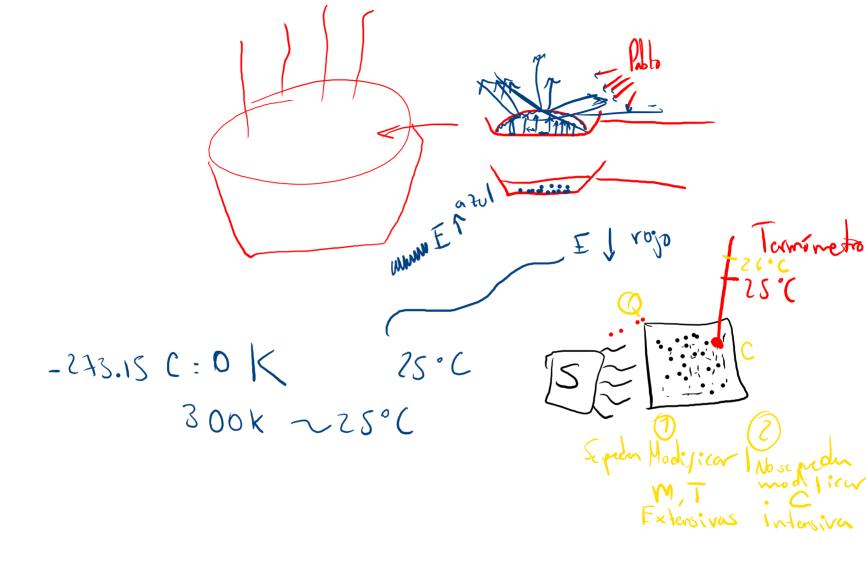
$$rac{1}{2} = rac{1}{1} + rac{1}{2} = rac{1}{2}$$
(1) notions que

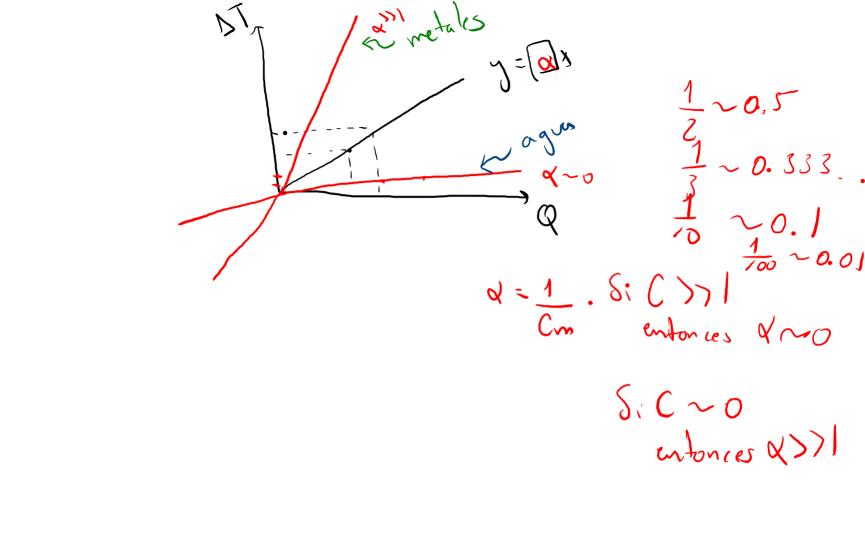
cc. (1) notomos que podemos despejar
$$V_2$$
:

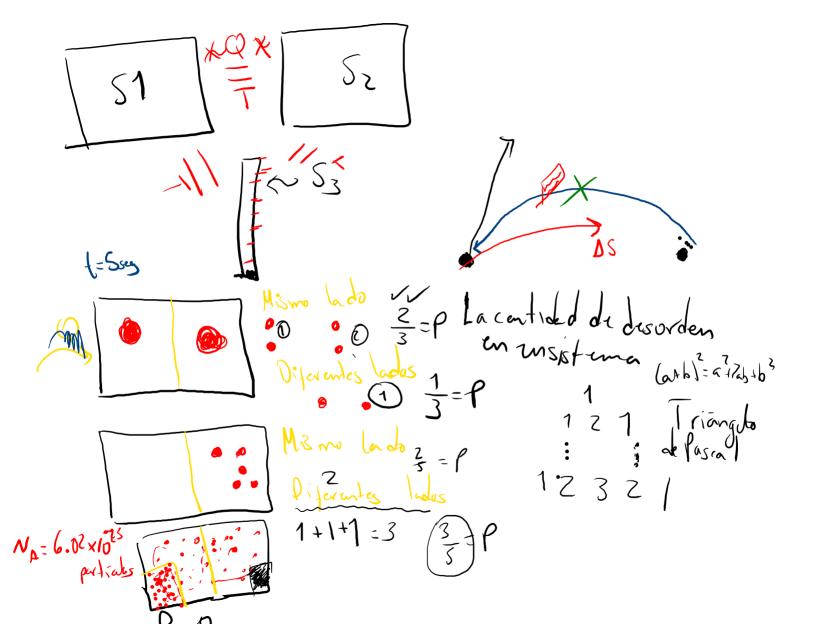
 $0 = m_1 V_1 + m_2 V_2 \Rightarrow V_2 = -\frac{m_1 V_1}{m_2} \cdot \frac{m_1 = 4 kg}{m_2}$

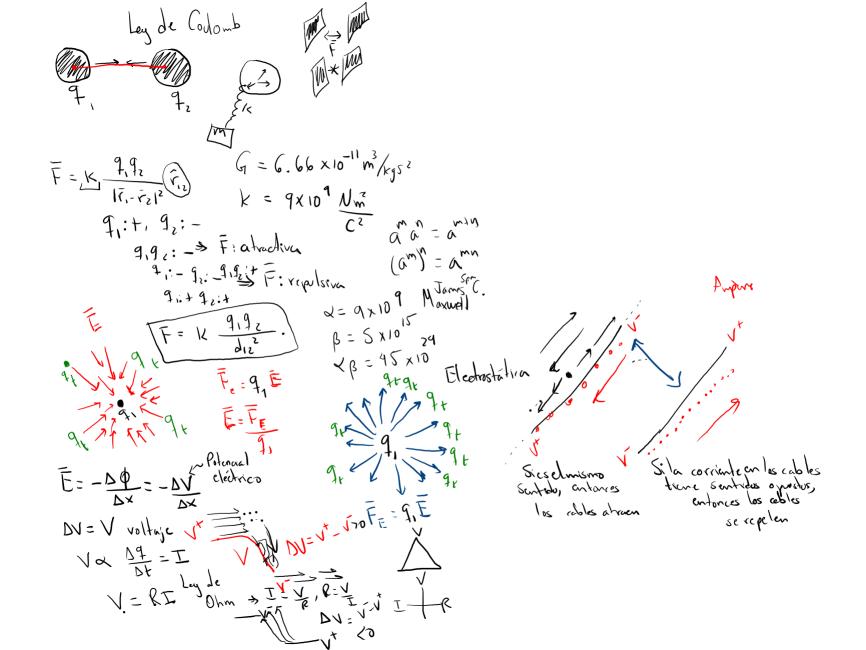
V2 = -4 kg 3 m/s = -2 m/s

$$\neg$$









Magnetismo Hicmo Ley de Lent Induction magnétices