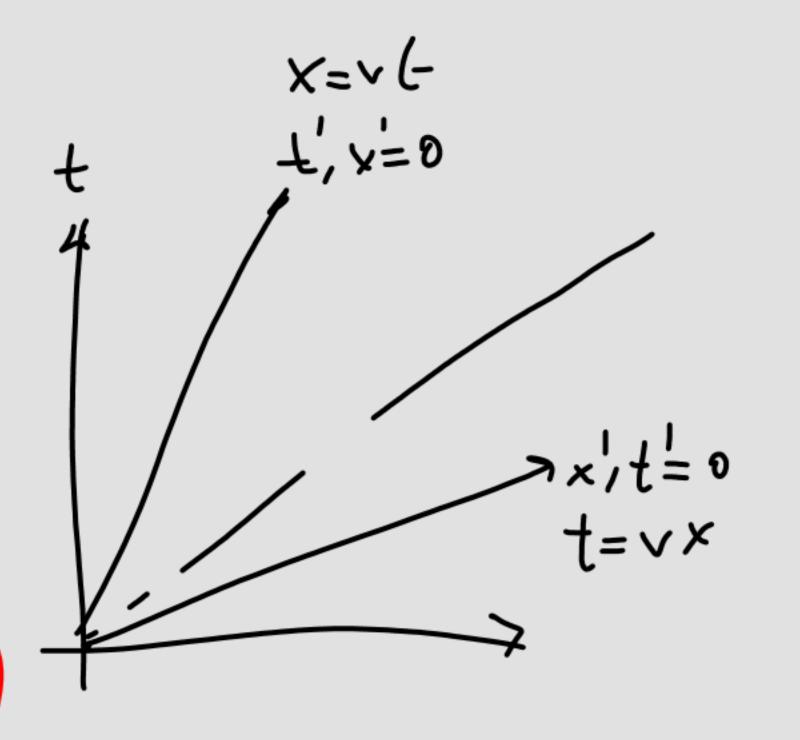
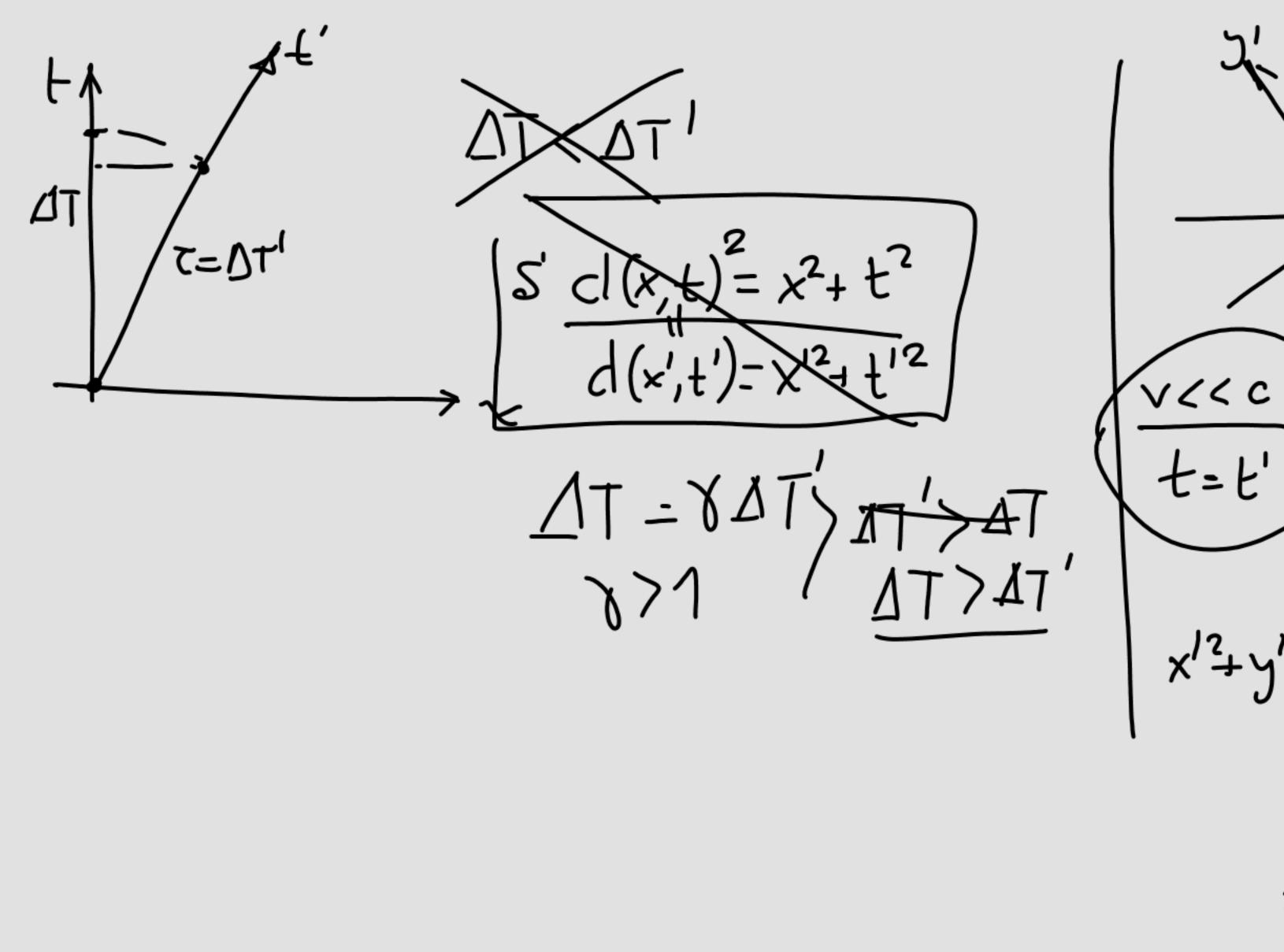
Schutz Afirst course in GR Hartle Granty Concoster GR for the giften Ameteur D'Inverso Einstein's Relativity Bert Janssen Grovitzein y Germetria (FSP) Temporé * Courtetion & Cosmology. PRS ly hyer duly 15/19/14 Son 152 mismes in todos los sist de reg INERGAL C= et es une ley de la físico J1-v2 -





$$\frac{1}{\sqrt{2}} = \frac{1}{\sqrt{2}} = \frac{$$

$$\begin{cases} x' = y' (x_{-} - x_{+}) \\ t' = y' (t_{-} - x_{+}) \end{cases} \qquad x'^{2} + t'^{2} = \\ \begin{cases} x'^{2} = y'^{2} (x^{2} + x^{2}t^{2} - 2v x +) \\ t' = y'^{2} (t^{2} + x^{2}x^{2} - 2v x +) \end{cases} \qquad y'^{2} = y'^{2} (x^{2} + t^{2}) + v^{2}(t^{2} + x^{2}) = \\ = y'^{2} (x^{2} + t^{2}) + v^{2}(t^{2} + x^{2}) = x'^{2} + t'^{2} \Rightarrow y'^{2} (x^{2} + t^{2}) + v'^{2}(t^{2} + x^{2}) = \\ = y'^{2} (x^{2} + t^{2}) (x^{2} + t^{2}) + v'^{2}(t^{2} + x^{2}) = x'^{2} + t'^{2} \Rightarrow y'^{2} (x^{2} + t^{2}) + v'^{2}(t^{2} + x^{2}) = \\ = y'^{2} (x^{2} + t^{2}) (x^{2} + t^{2}) + v'^{2}(t^{2} + x^{2}) = x'^{2} + t'^{2} \Rightarrow y'^{2} (x^{2} + t^{2}) + v'^{2}(t^{2} + t^{2}) + v'^{2}(t^{2} + t^{2}) = \\ = y'^{2} (x^{2} + t^{2}) (x^{2} + t^{2}) + v'^{2}(t^{2} + t^{2}) + v'^{2}(t^{2} + t^{2}) = \\ = y'^{2} (x^{2} + t^{2}) (x^{2} + t^{2}) + v'^{2}(t^{2} + t^{2}) + v'^{2}(t^{2} + t^{2}) = \\ = y'^{2} (x^{2} + t^{2}) (x^{2} + t^{2}) + v'^{2}(t^{2} + t^{2}) + v'^{2}(t^{2} + t^{2}) + v'^{2}(t^{2} + t^{2}) + v'^{2}(t^{2} + t^{2}) = \\ = y'^{2} (x^{2} + t^{2}) (x^{2} + t^{2}) + v'^{2}(t^{2} + t^{$$

Intervalo especio-temporal

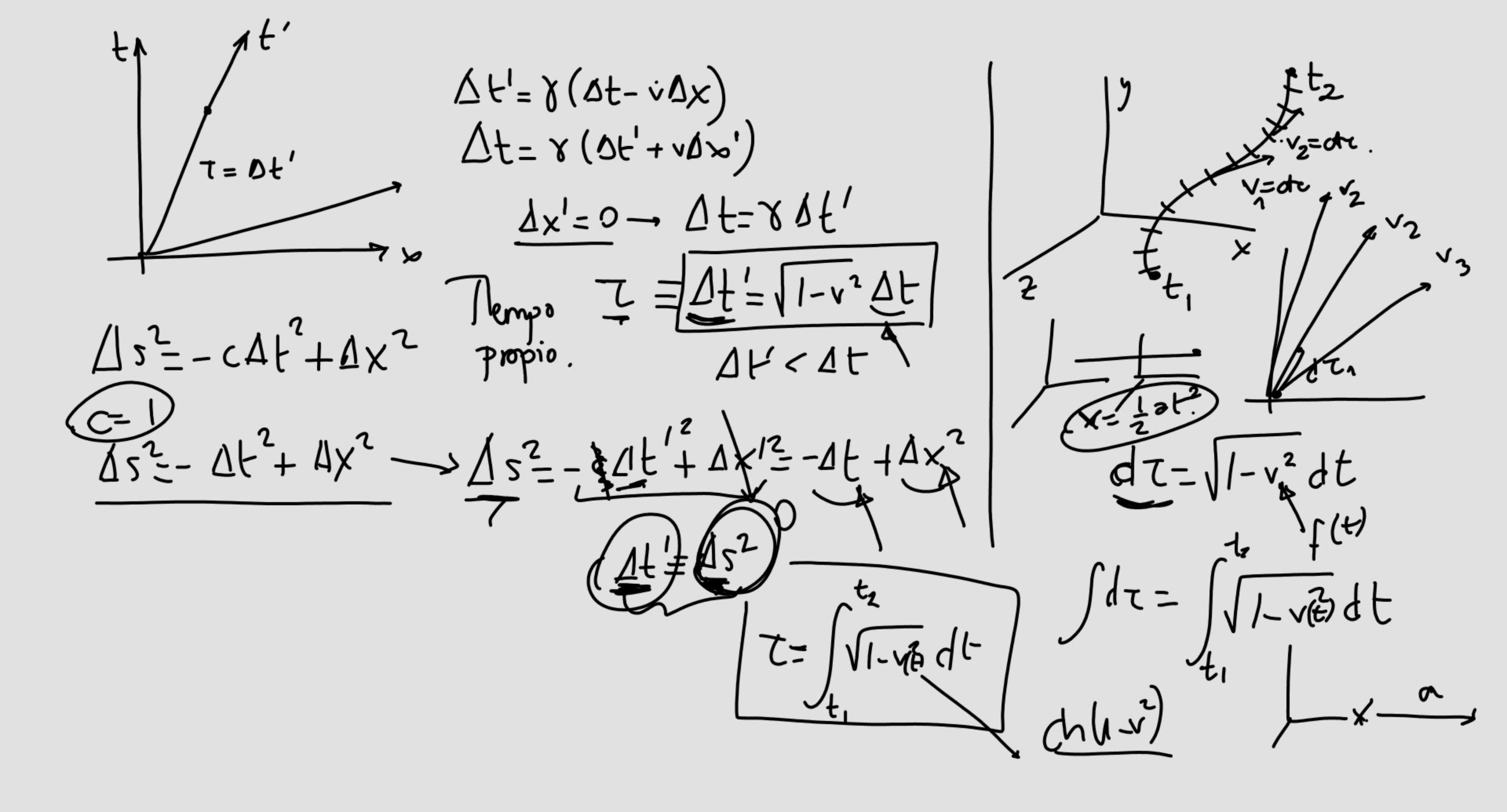
$$x = y(x - vt) < x_1 = y(x_1 - vt_1) = y(x - vt) < x_2 = y(x_1 - vt_2) = y(x - vt) = y(x - vt) = y(x - vt)$$

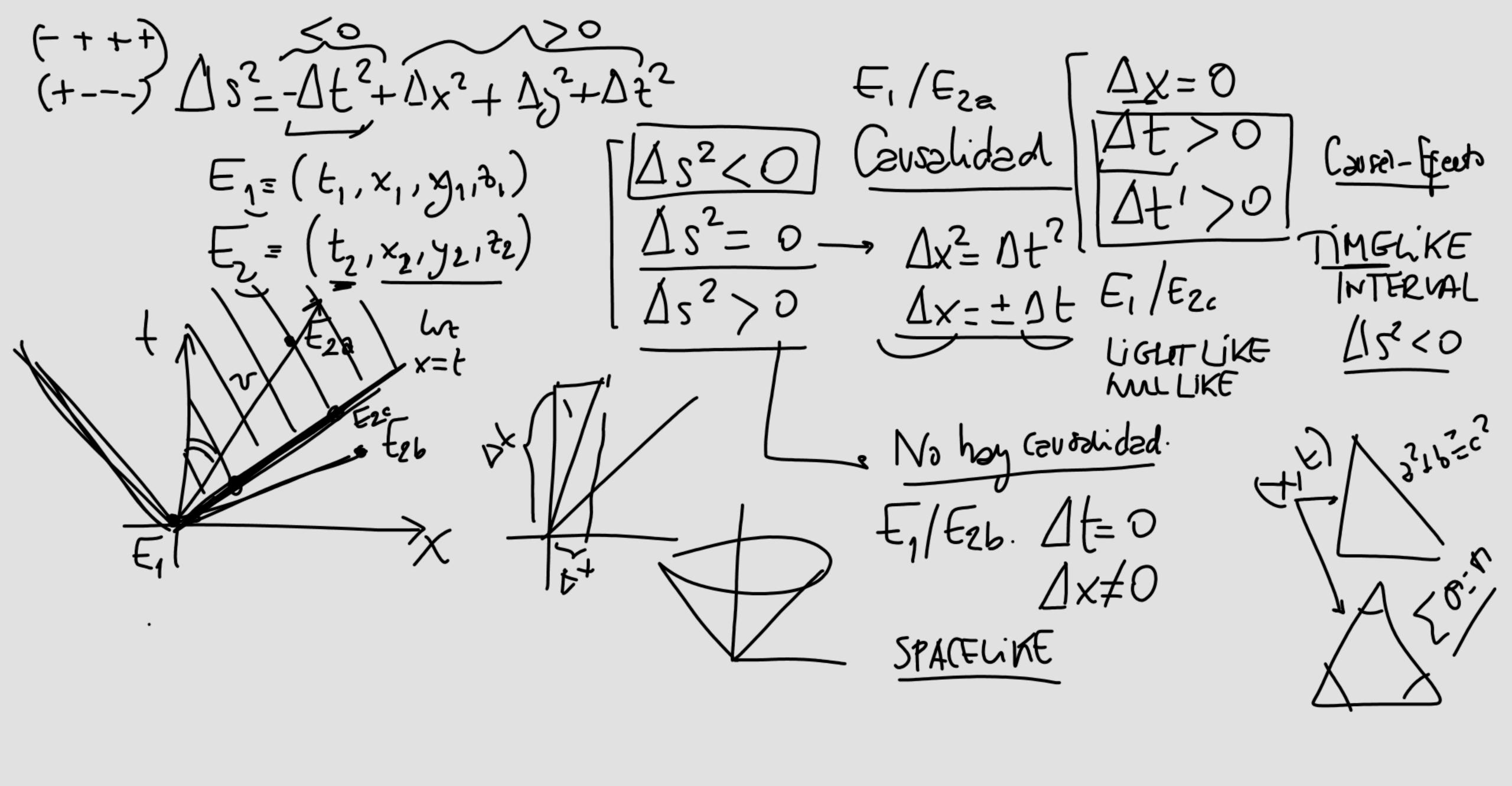
$$\Delta x' = \gamma (\Delta x - v \Delta t)$$

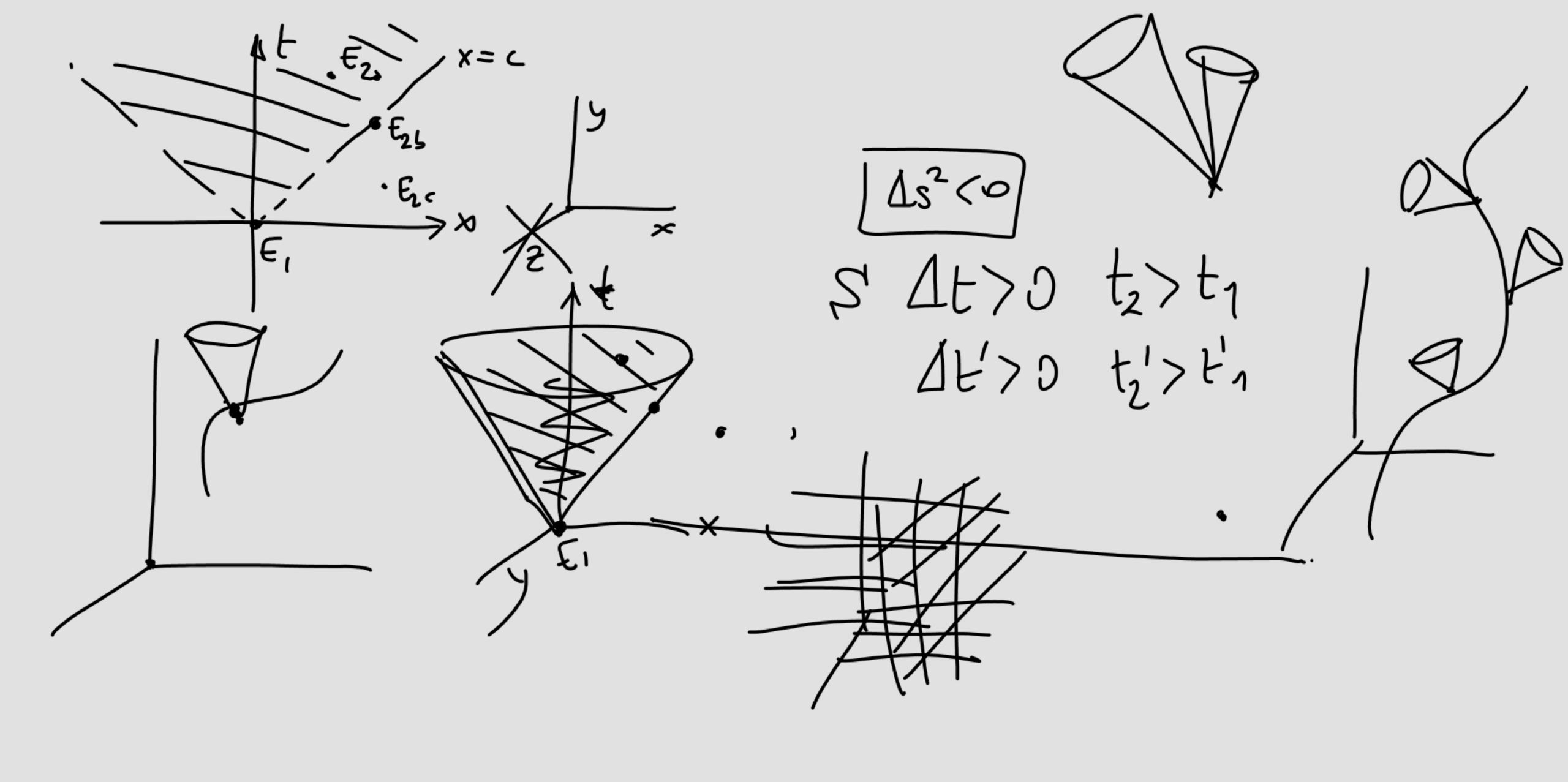
$$\Delta S^{2} = -\Delta t^{2} + \Delta x^{2} + \Delta y^{2} + \Delta z^{2}$$

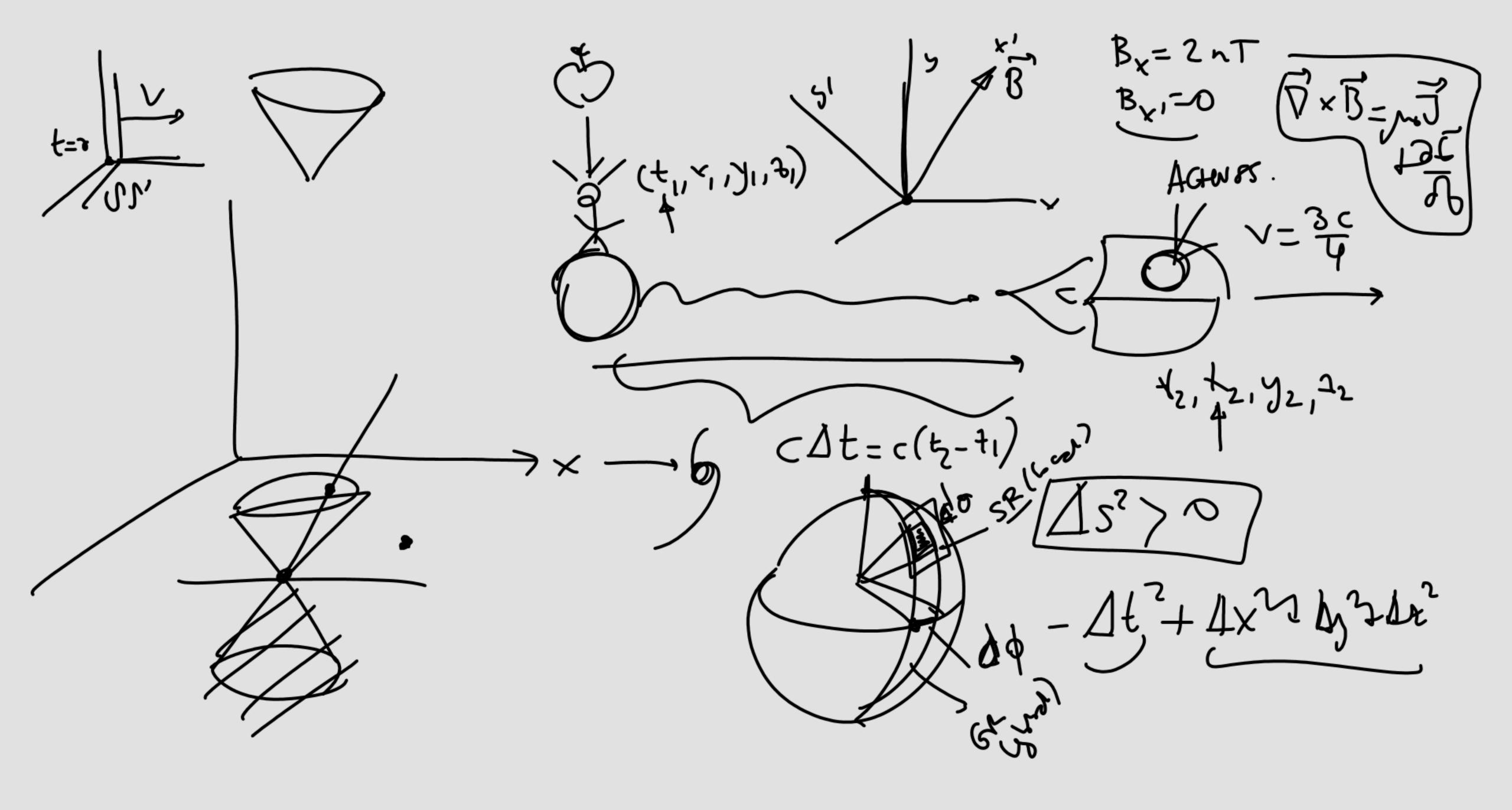
$$\Delta S^{2} = -\Delta t^{2} + \Delta x^{2} + \Delta y^{2} + \Delta z^{2}$$

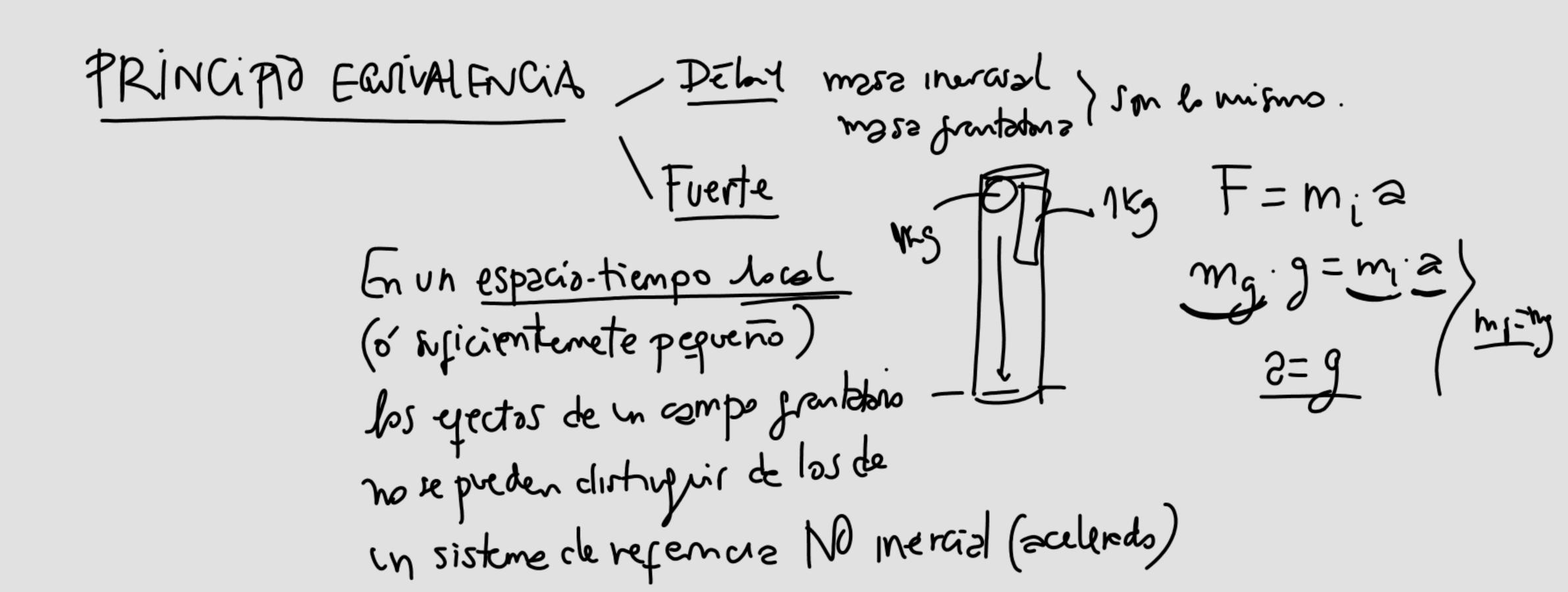
$$= -\Delta t^{12} + \Delta x^{12} + \Delta y^{12} + \Delta z^{12}$$
Por el Espacio-Tiempo
$$= -\Delta t^{12} + \Delta x^{12} + \Delta y^{12} + \Delta z^{12}$$

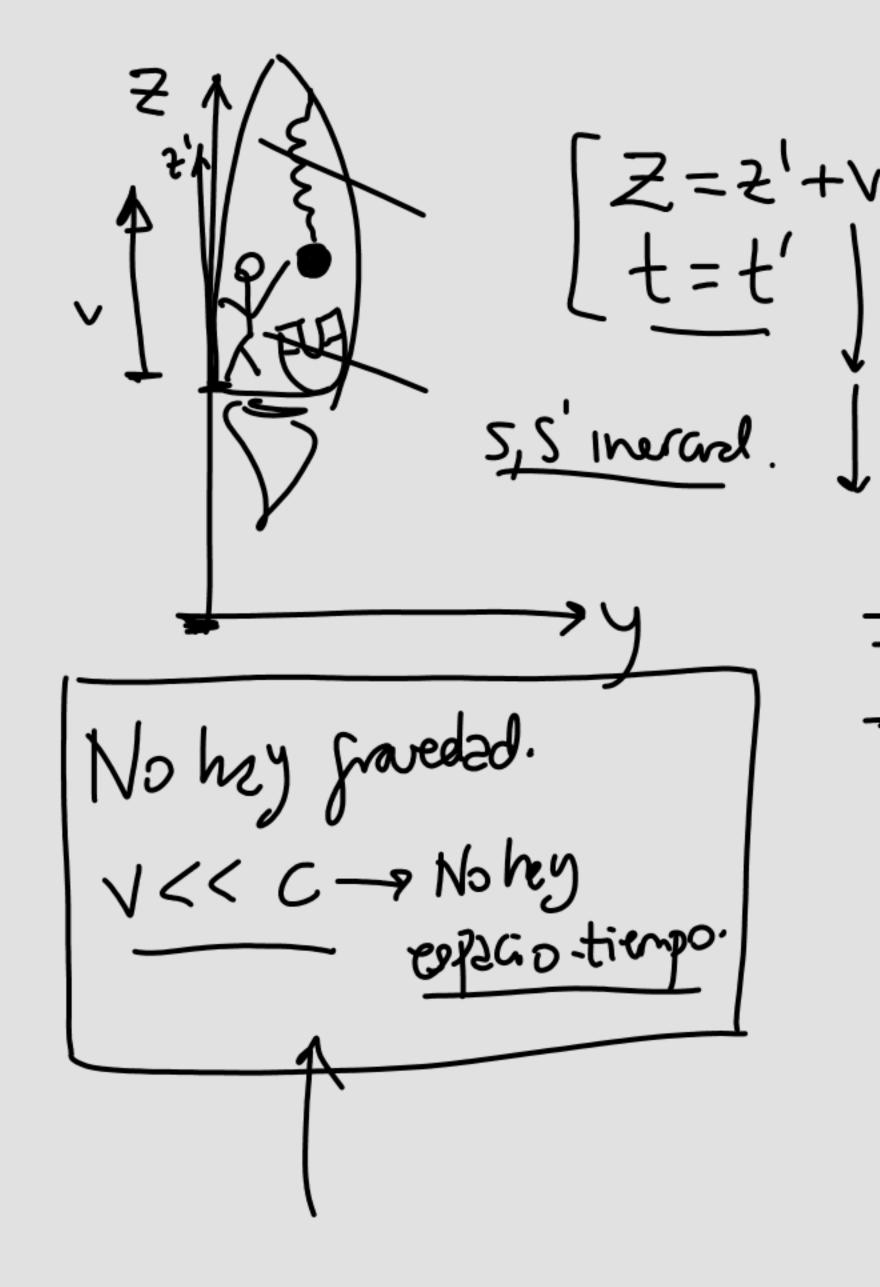




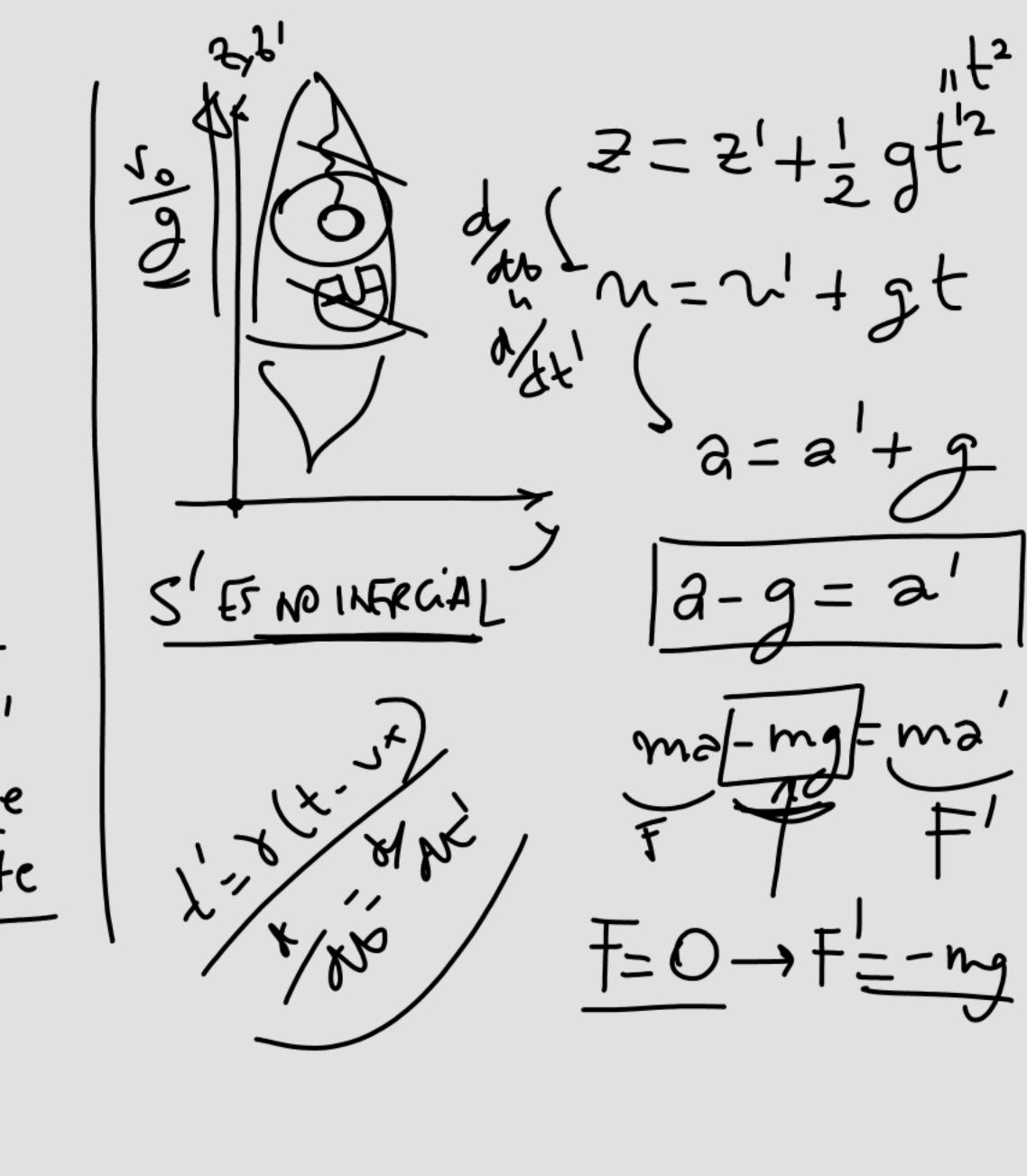


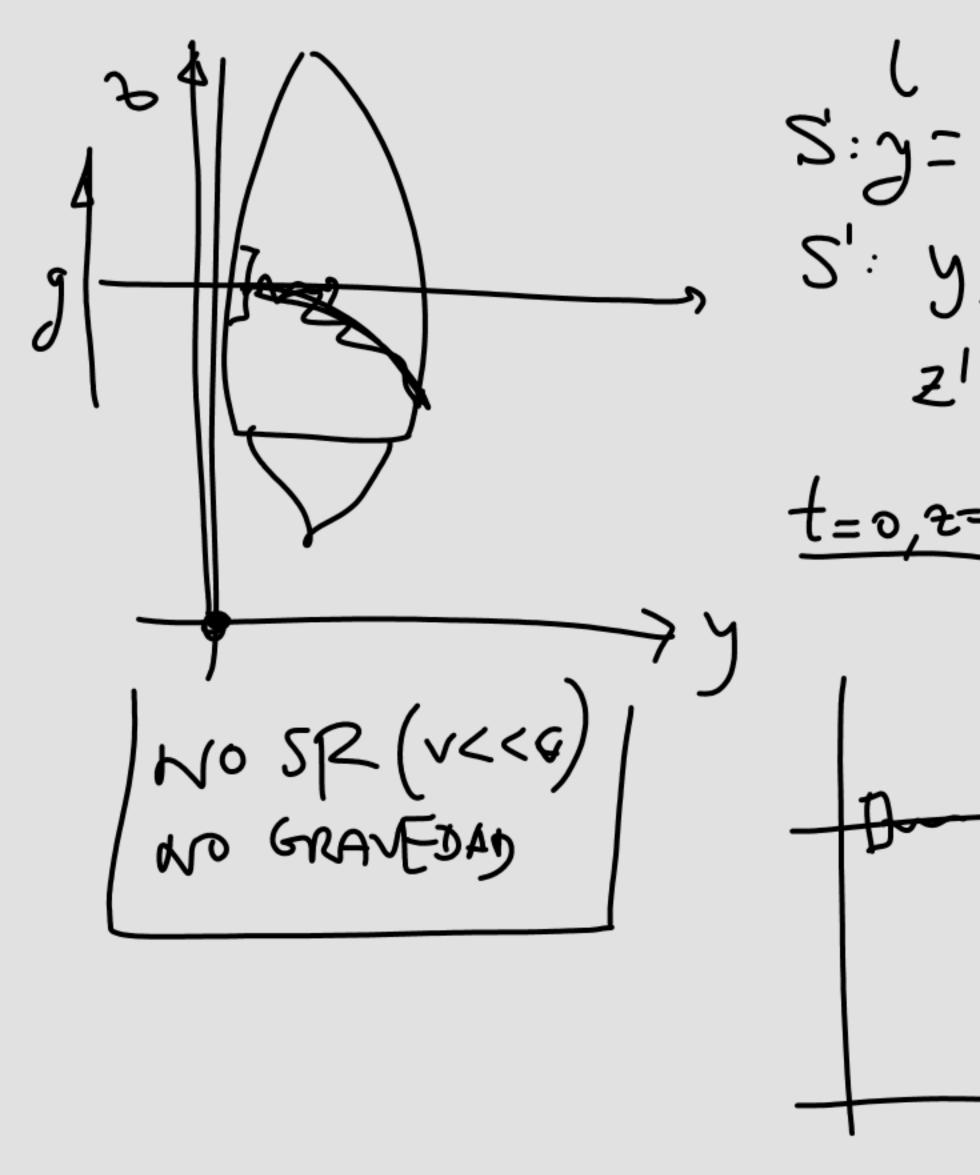






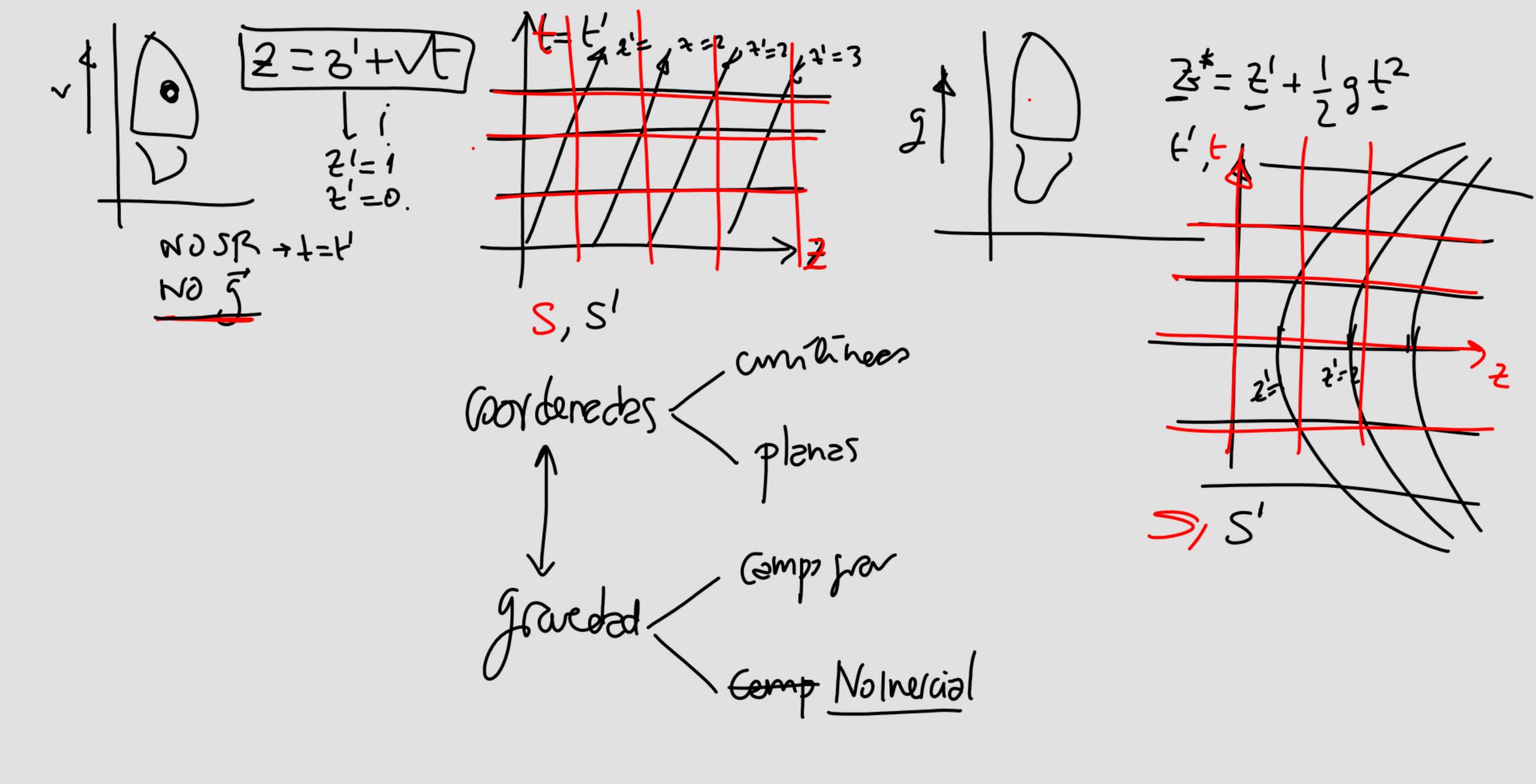
= ma = m2



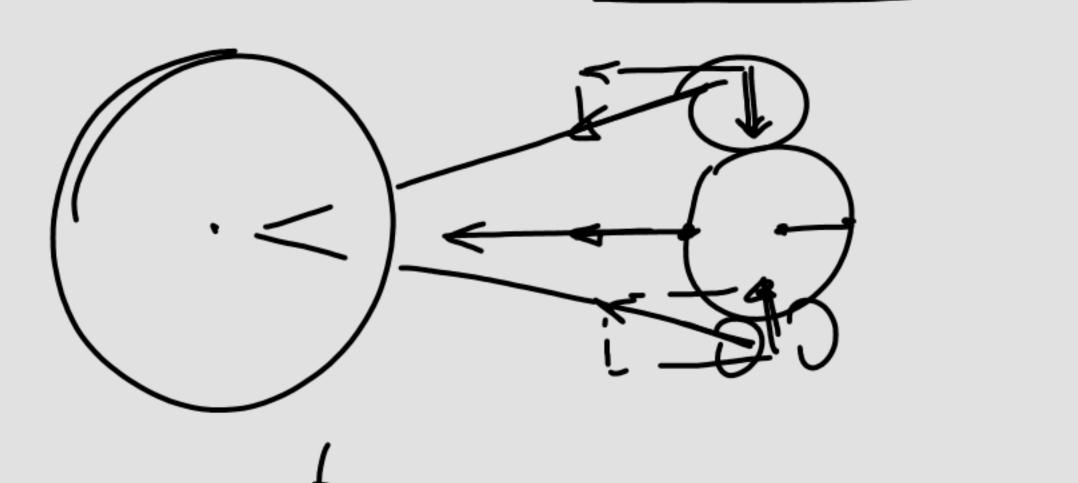


S:
$$y = ct$$

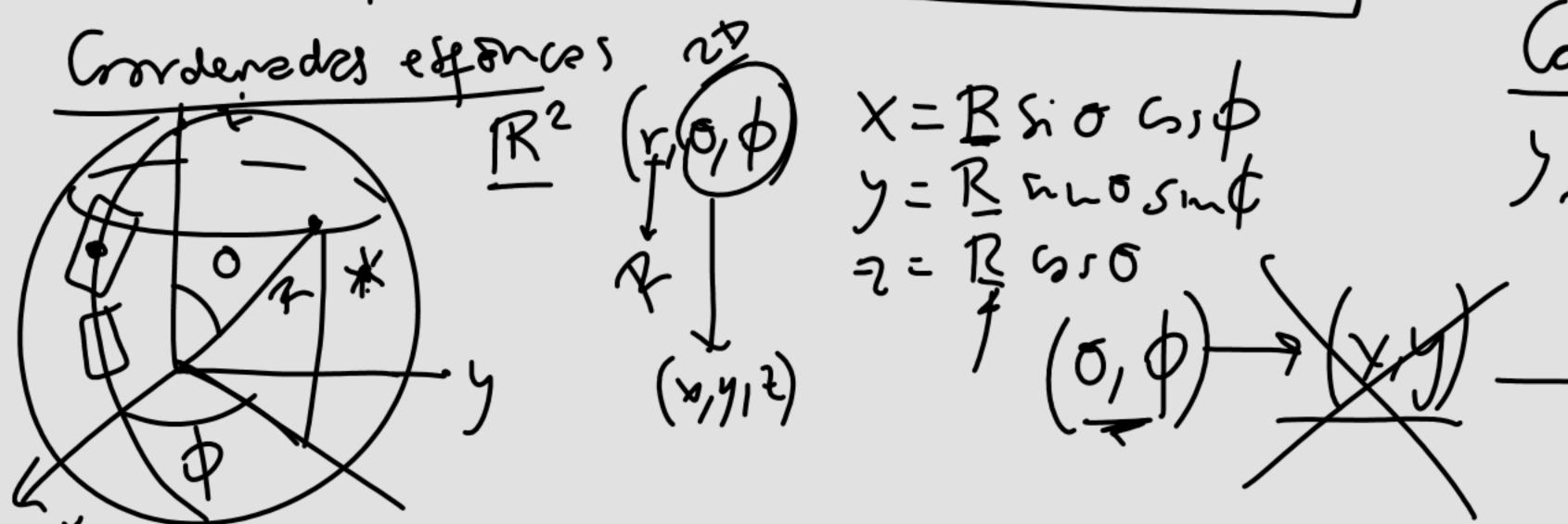
S: $y' = ct' = ct$
 $z' = y' = \frac{1}{2}y^{2}$
 $z' = \frac{1}{2}y^{2}$



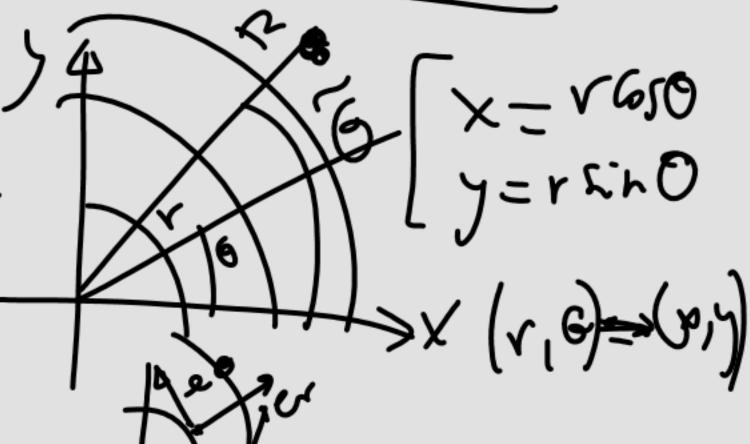
2000 Miles-men

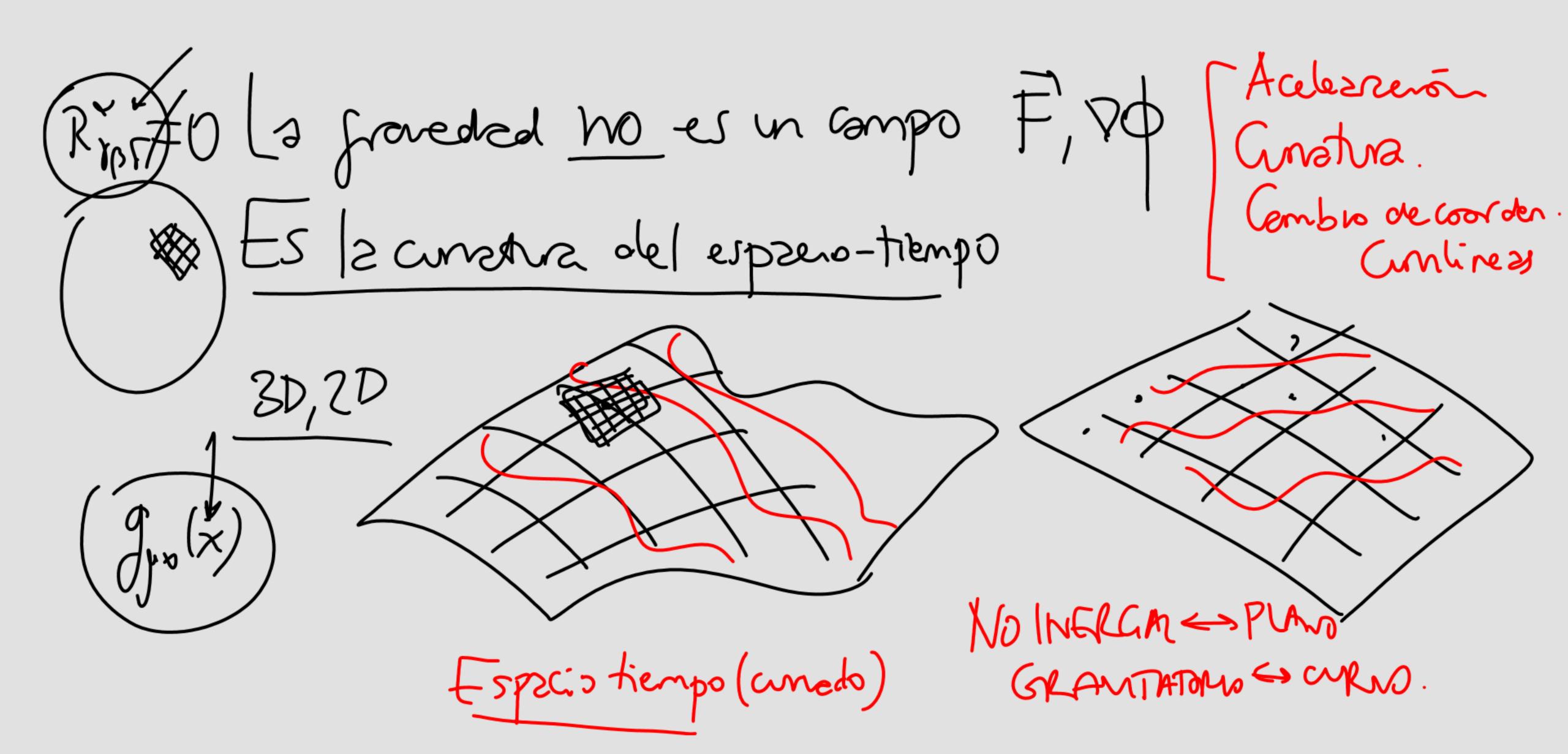


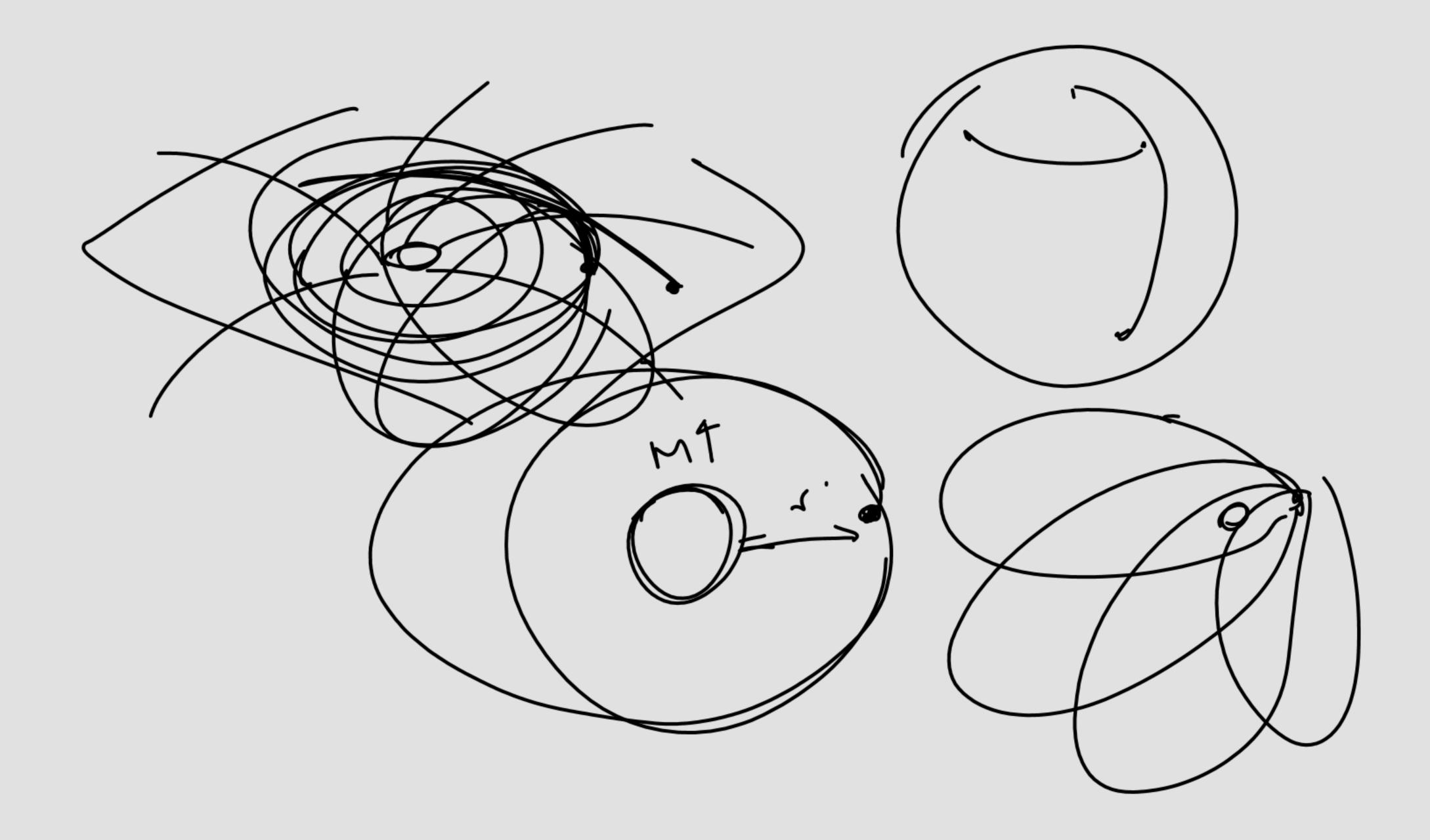


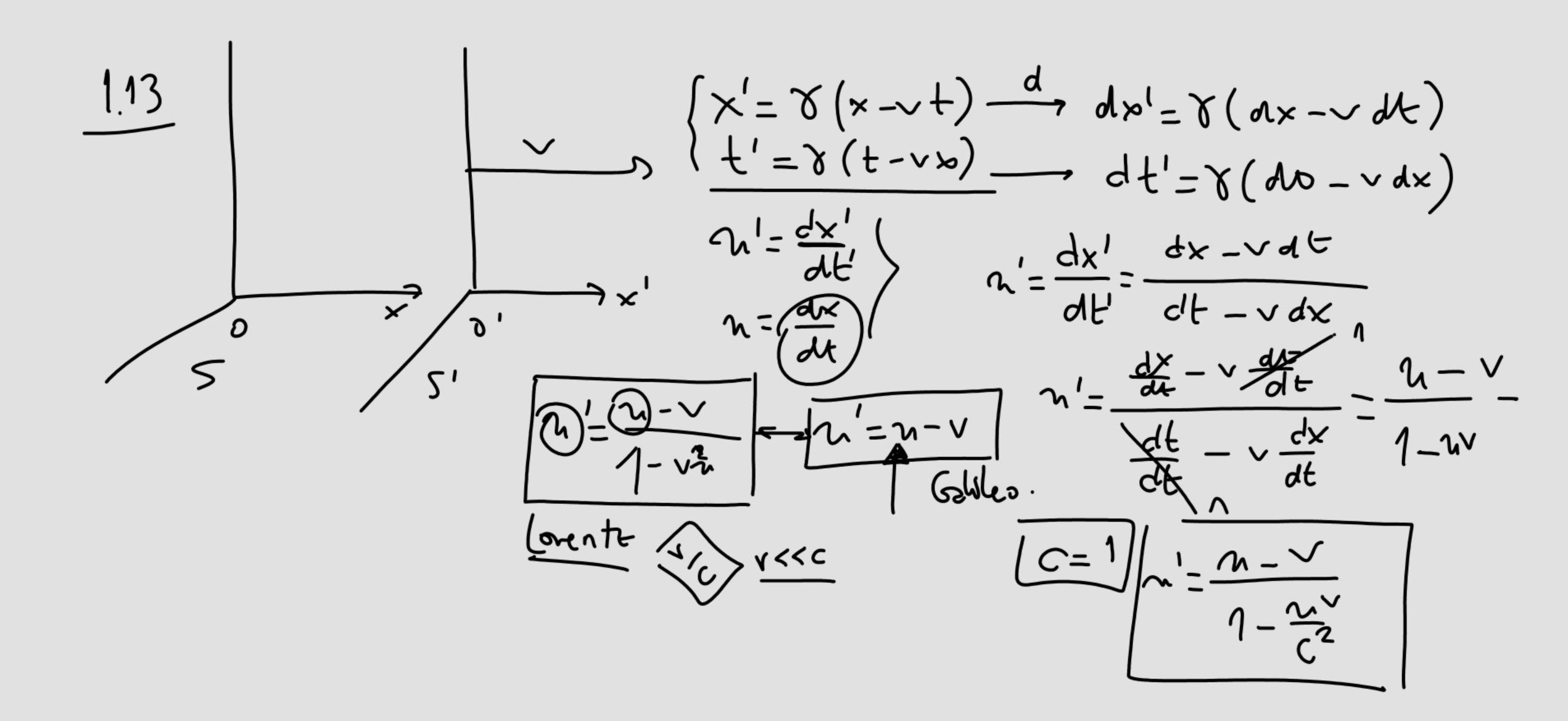












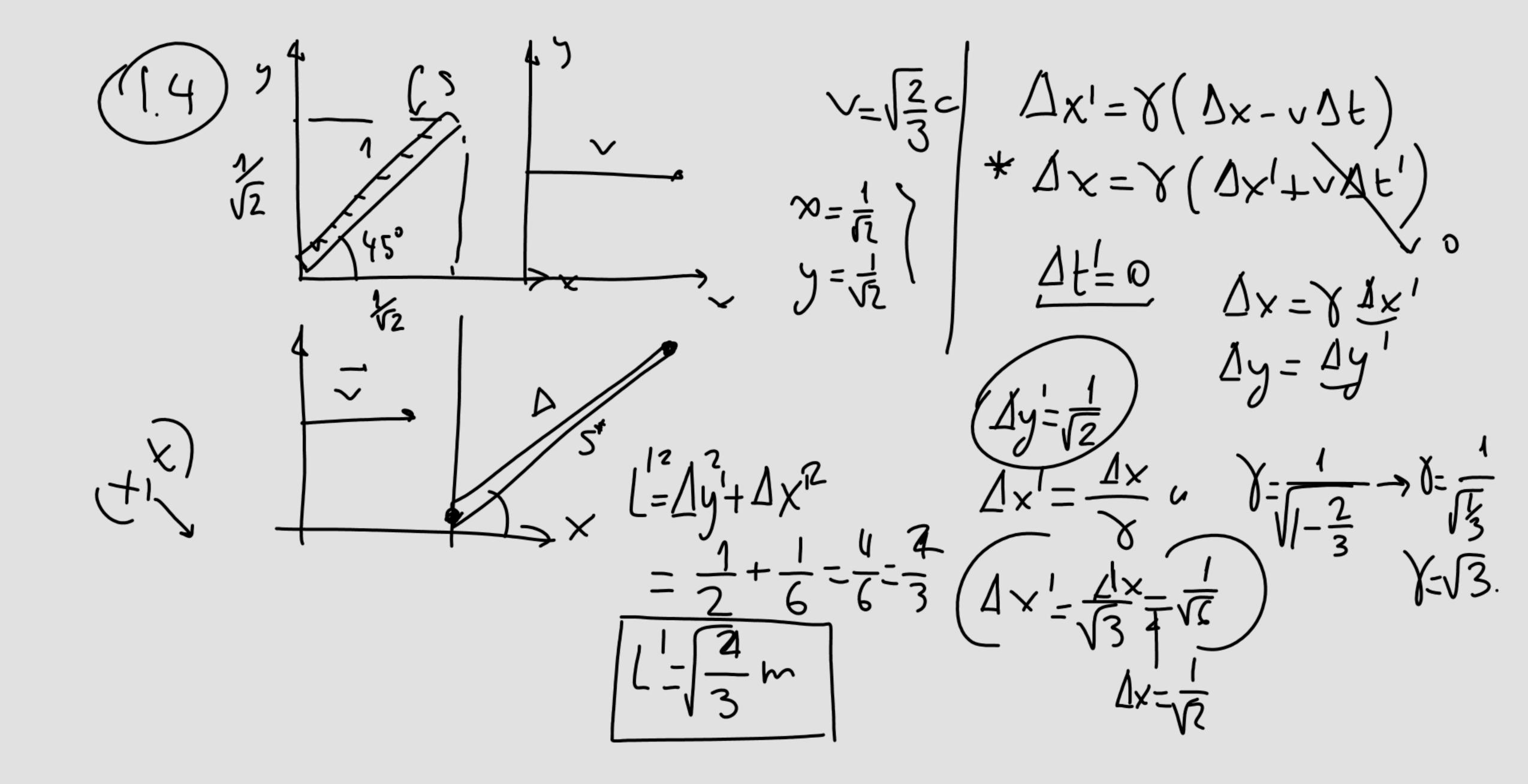
$$\frac{1 - \frac{N}{2}}{1 - \frac{N}{2}}$$

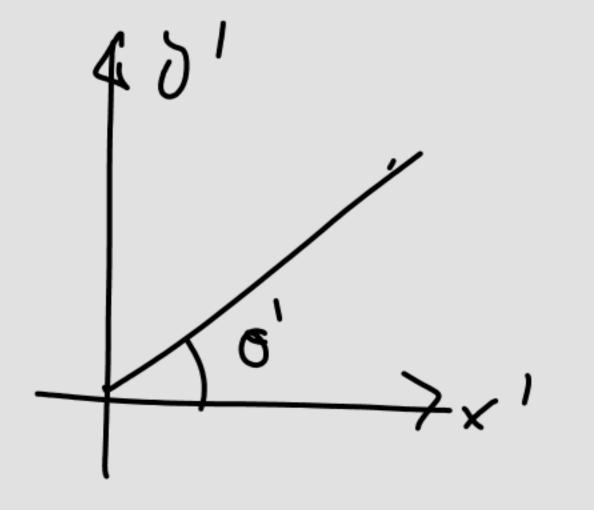
$$\frac{N - \frac{N - V}{2}}{1 - N V} = \frac{1 - V}{1 - N V} = \frac{1}{1 - V}$$

$$\frac{N - \frac{N - V}{2}}{1 - N V} = \frac{1}{1 - V}$$

$$\frac{N - N = 1}{1 - V}$$

$$\frac{N - N = 1}{1 - V}$$





tan
$$0' = \frac{\Delta y}{\Delta x'}$$
 $0' = \operatorname{arcten} \Delta y' = \operatorname{arc} \sqrt{3}$
 $0' = \operatorname{arcten} \Delta y' = \operatorname{arc} \sqrt{3}$

