1. 
$$-m \stackrel{?}{=} -K \stackrel{?}{=} = 0$$
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UN RAYO DE luz visto DEEDE O = X = ct 0 = x = Ct (+ = 0 et + bt =) (t = (ac + b)t (2) ct'=(ac-b)t/(1) (S/EN (T) CX = (QC-b) (ac+b) x C2 = (ac12-b2) -2 (2-b2) 22 -> (2 = 12 - 52 )a2 02 = 1 => 0 = 1 - (E) 2/2 = N b= ( - C) 1/2 = 1/C) 1/2 C = VM

$$X = \alpha x + bt$$

$$X = \mu x + \sigma \mu t = \mu(x + \sigma t)$$

$$X = \mu(x - \sigma t)$$

$$X = \mu(x -$$

D'= dudn= d d 9 xm 9xm = 9xx 9xx = 9xm Vr Vm xxm 065 / M = / 1 / M = / M - / M 9x" 9x" = 9x" \(\frac{1}{\sqrt{1}}\sqrt{1}\sqrt{1}\sqrt{1}\sqrt{1}\sqrt{2}\sqrt{1}\sqrt{2}\sqrt{1}\sqrt{2}\sqrt{1}\sqrt{2}\sqrt{1}\sqrt{2}\sqrt{2}\sqrt{1}\sqrt{2}\sqr obs: ( \n' v) = \n' v) 9xm9xn = 9xm (V-1)m N Vm 9xn 9×" 9×" = 9×" 9×"

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

: n= 1 = 1/n かーがでにニルントかートーよっと => fx = m [(n3-p) ax + p(ax) IX = m M3 Dx = & Ex  $\therefore a = \frac{dv}{dt} = \frac{qEx}{m} \left(1 - \left(\frac{v}{c}\right)^{3/2}\right)$ 

dr = QE (1-12) dr 1-5 3h 0 (1-2,300 (1-2,300) = t lt =) by = t (t) (1- vi) Upi = (2+2 (2+)2 - +20+) Ct th (c2+t2per 1/2 (1+t2per 1/2) I to dt of the land

5/XH 2 PE [ PE) + 1 - 1 | QE | Ch) | QE | Ch