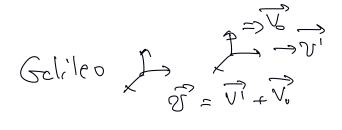
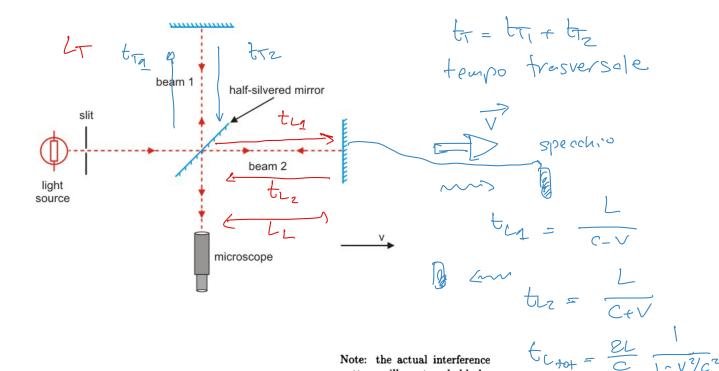
EZ = PZ+mZ Michelson-Morley 1887





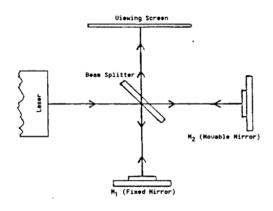
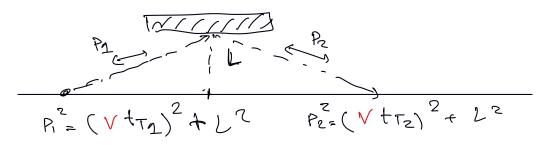


Figure 1: Michelson Interferometer

Note: the actual interference pattern will most probably be more irregular and show less fringes.

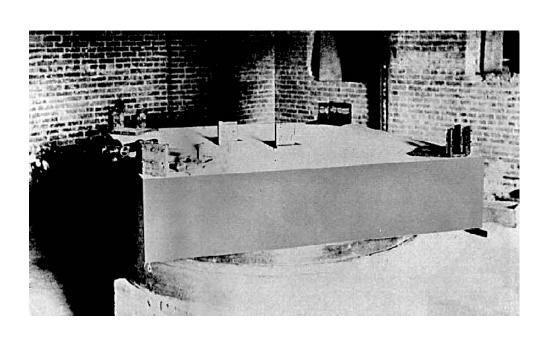


Figure 2: Interference Pattern Note: the actual interference pattern will most probably be more irregular and show less fringes.



$$t_{T} = t_{T_{1}} + t_{T_{2}} = \frac{2L}{C} \frac{1}{\sqrt{1-v_{1}^{2}c^{2}}}$$

$$t_{T} = \frac{2L}{C} \frac{1}{\sqrt{1-v_{1}^{2}c^{2}}} = \frac{2L}{1-v_{1}^{2}c^{2}} = \frac{1}{1-v_{1}^{2}c^{2}} = \frac{1}{1-v_{1}^{2}c^{2}}$$



Aspettativo: 5 postamento fino a 0.4 nga OSServeto: 5 post medio 0.01

der. max 0.02

$$\frac{2L_L}{C} = \frac{2L_T}{\sqrt{1-v^2/c^2}} = \frac{2L_T}{\sqrt{1-v^2/c^2}}$$

$$\chi = (+, \overline{\chi})$$

The sistem model:
$$S = \int L dt$$
 $L = L(\vec{x}, \vec{v}, t)$ $L(q, q, t)$
 $dt = \frac{\partial L}{\partial q} = \frac{\partial L}{\partial q}$
 $dx = (dt, d\vec{x})$
 $dx' = L(\vec{x}, \vec{v})$
 $dx' = L(\vec{x},$

Definizione en Chefia:
$$K = E - M$$
 $K = E - M = N - M = (N - 1)M$
 $S = \frac{E}{M}$
 $P = NMV = NM$
 $P = NMV = NM$
 $P = MU$
 $P = MU$

pert. scel. pseudoscel.

 $(i \mathcal{F}^{M} \partial_{\mu} - m) \psi = 0 \qquad (i \mathcal{F} - m) \psi = 0.$ Eq. di Dircc. per Permioni MM: a matrici di Direc ax4 som zone regetive per E => Esistem te continporti e -> et positrone P => p outiprotone. mecc. dassice M-90 (E->0 Es Juv? P= (rmc, rmv) M - 1 - 1 2/CZ y -> C E2 = P2+ m2 moo so Esp mecc. relativ. M=0 P=(P,P)Ore 10th m probre

Celle.

me = 0.5 MeV Mg = 106 MeW

mz 2 1.8 GeV