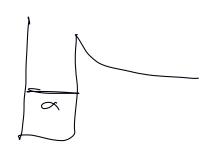
## Token 173 554

$$a \rightarrow b + C$$
 $a \rightarrow b + C + d$ 

Pc=Pb=P

mous crowetico

E = p2+m2



 $\frac{7}{a}$ 

n+ e+be+Vn

Quservazione E, P, Q, mon ansolare, num quentici

at tso N(0) particelle

@ f > t' N(f1)

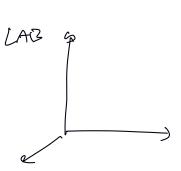
Frotesii De prob. di déledim pre unité di tempo. indip. del tempo t indip de N.

J: corett intrinsèle clelle poutscelle Sirpola teum osservezione dt => pub deadin Adt dN = (- Adt) N. Q + N perticule dello stesso tino  $\frac{dw}{w} = - \Omega dt \Rightarrow N(t) = N(0) e^{-\Omega t}$ N(+)# N(0)  $\frac{N(t)}{N(0)} = e^{-\beta t} = \frac{P_{\text{suprem.}}(t)}{S_{\text{infdc}}}$   $\frac{S_{\text{therefore}}(t)}{S_{\text{therefore}}(t)} = \frac{S_{\text{therefore}}(t)}{S_{\text{therefore}}(t)}$   $\frac{S_{\text{therefore}}(t)}{S_{\text{therefore}}(t)} = \frac{S_{\text{therefore}}(t)}{S_{\text{therefore}}(t)}$   $\frac{S_{\text{therefore}}(t)}{S_{\text{therefore}}(t)} = \frac{S_{\text{therefore}}(t)}{S_{\text{therefore}}(t)}$ S NCA) dt [ ] = [7]  $= \frac{1}{2} \sqrt{3} = \frac{1}{2}$ N(H) = N(0) e +/-N(T) = N(0) = 1 = 37/.

Fisicamente importante t/Z

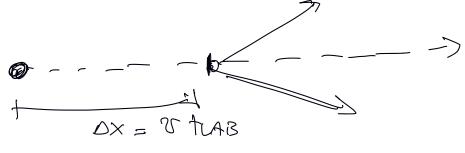
$$\lim_{z \to \infty} \frac{1}{z} = -\frac{\pi}{2} =$$

Nel of solidale con a 
$$W(f) = N(0) e^{-\frac{1}{16}}$$



$$T_{CAB} = \nabla T$$

$$V(1) = V(0) e^{-\frac{t_{CAB}}{2}}$$



$$t_{AB} = \frac{\Delta x}{v} = \frac{\Delta x}{BC}$$

$$x_{AB}$$

$$N(+) = N(0) e^{-\frac{\Delta x}{BC}}$$

$$R(-1) = R(0) e^{-\frac{\Delta x}{BC}}$$

$$\beta T = \frac{\beta}{1-\beta^2}$$

$$\beta = \frac{(\beta T)}{\sqrt{1+(\beta T)^2}}$$

$$\beta = \frac{(\beta T)}{\sqrt{1+(\beta T)^2}}$$

$$\beta = \frac{106 \text{ MeV}}{\sqrt{1+(\beta T)^2}}$$

$$\beta T = \frac$$

Fit & Ae X/BOCT # decod. A Pa = Pr + Pc Pa = Pr + Pe a Ae-BX a +> b + C misurere T Pa(1) = Pp + Pc(1) D X1/ B1/01 31 m >, ( = De Up > ? > | ē ve dn> Ruf. Solidale con gr 1 m-1 0> i d (4) = #14> (m-, t> = e impt / 1/1, 0> H=H+ P(MO) = | < Mio| M-, t) | 2 19tit) = a(t) 19t> + b(t) (Evely)

```
Wigner-Weisskoff
    [930
                                    W=N+ D=D+
\mathcal{M}
               H = M - = [
  si stime
               H = Ho + HI hamiltoniere completa
da HI
                        Cause del decedimento
   | ルー、t) = e imyt ー (にこ) ナリルラ
                                          Sakurai
                                             5-6
          = e^{-im_{\mu}t} e^{-\frac{\pi}{2}t} | F \rangle
            cyil prit> = Eight + ingt - Et
  P(\bar{p} \text{ sopramin}) = |\langle \bar{p} | p \rangle |^2 = e^{-Tt}
             1 = (a(+))2+ (b(+))2
            (b) 16(4)12 = 1-e-T+
                                 = e +/T
       P(n-s pr) = C
               | TT =: 1 | larghe The di decadimento.
 0 = 3
                                         prob. d' decedin
                                         per unité de tempo.
      P si misure in MeU, 5-)
      T in S
```