

baron.

$$\Sigma = (SSS)$$

$\swarrow \quad \uparrow \quad \nwarrow$   
 $r \quad b \quad g$

$$\begin{aligned} r \overline{r} &= \text{blanco} \\ b \overline{b} &= \text{blanco} \\ g \overline{g} &= \checkmark \end{aligned}$$

$$\underline{rg \overline{b} = \text{blanco.}}$$

oher

bar(3)

~~verde~~ verde  
 $g$  magenta  $\overline{g}$

$r \quad \overline{r}$

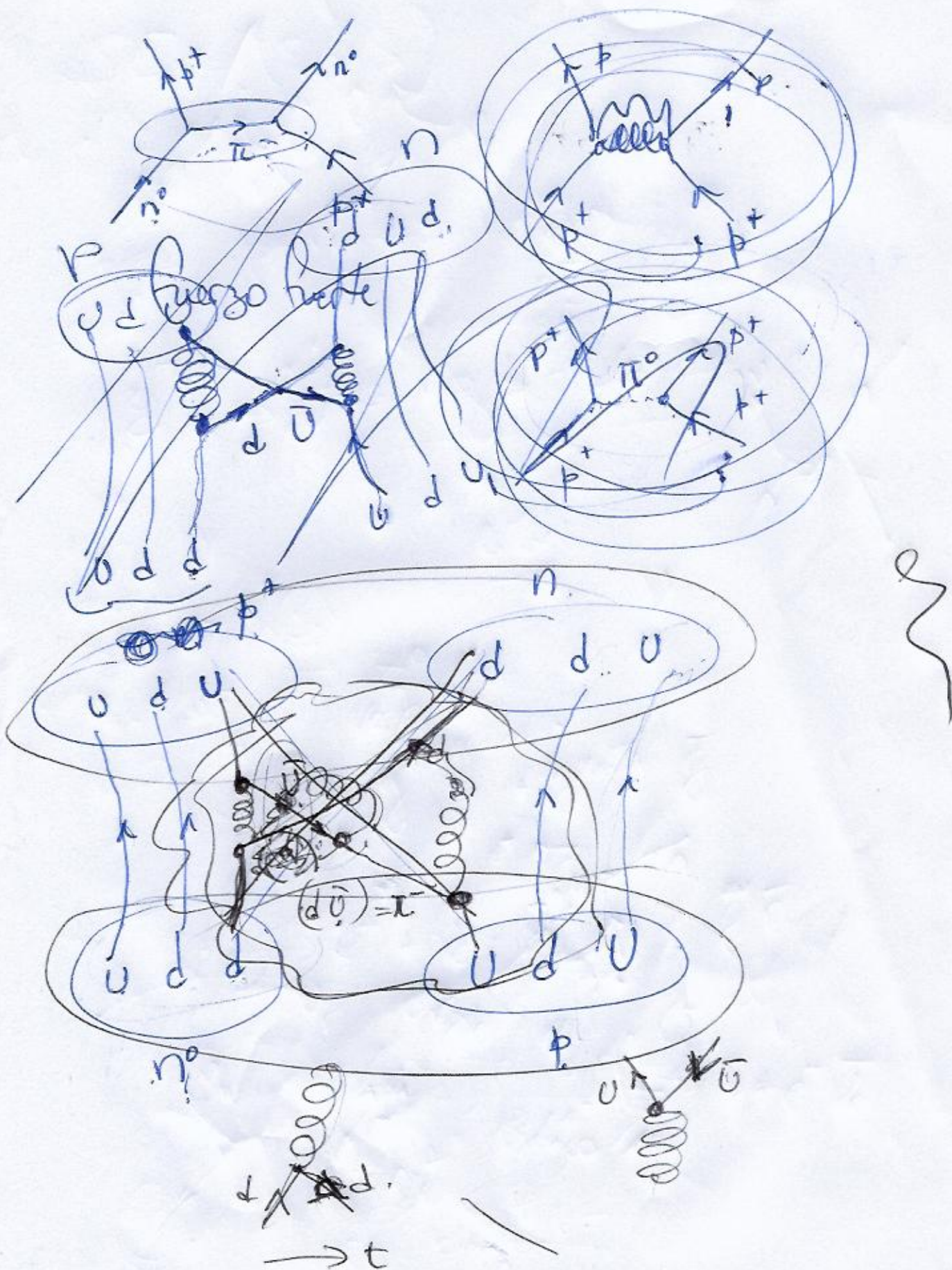
$u_r \quad dig$

$g \overline{r}$   
 $g \quad \overline{r}$

$$r \overline{r} = \text{blanco.}$$

$$r = \text{blanco} - \overline{r}$$

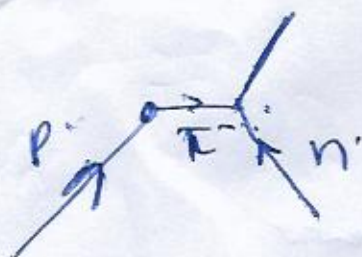




②,



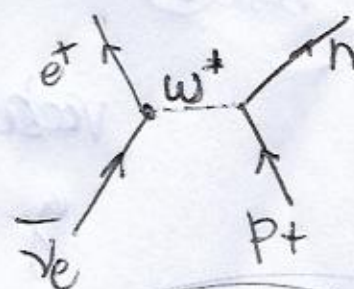
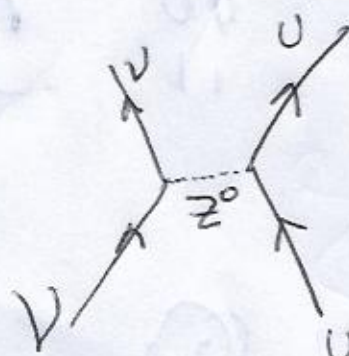
gt



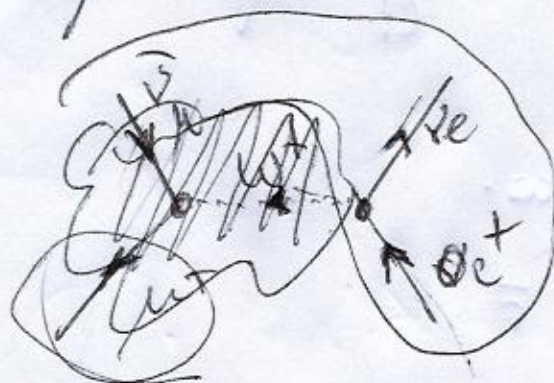
$$\text{p} + \text{n} \rightarrow \text{n} + \text{p}$$

$$d \xrightarrow{-1/3} u \xrightarrow{+2/3}$$

$$W^- \rightarrow Z^0$$



$$\mu^+ \rightarrow e^+ + \nu_e + \bar{\nu}_\mu$$



$$\bar{\nu}_e + p^+ \rightarrow n + e^+$$

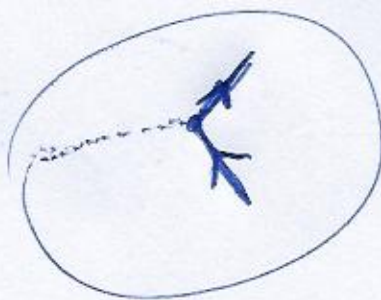
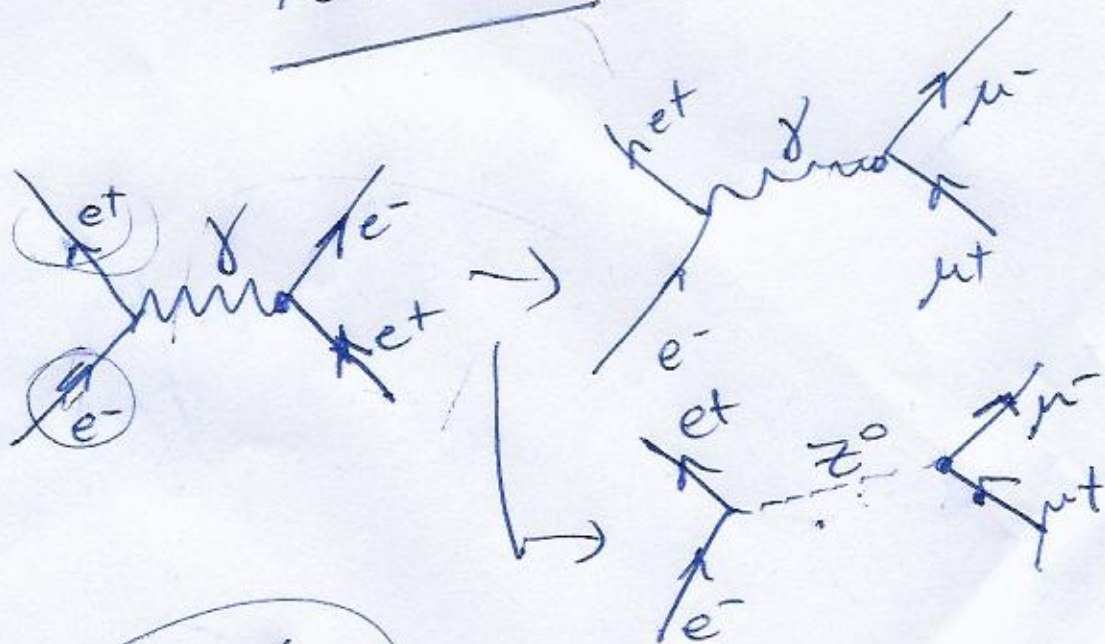
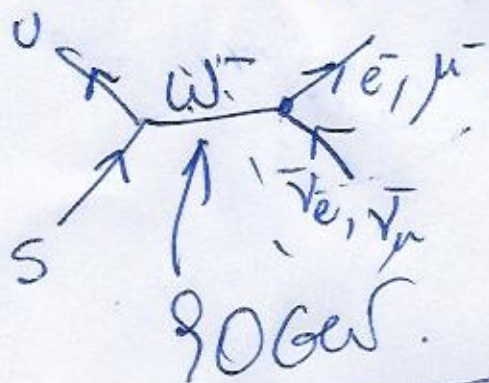
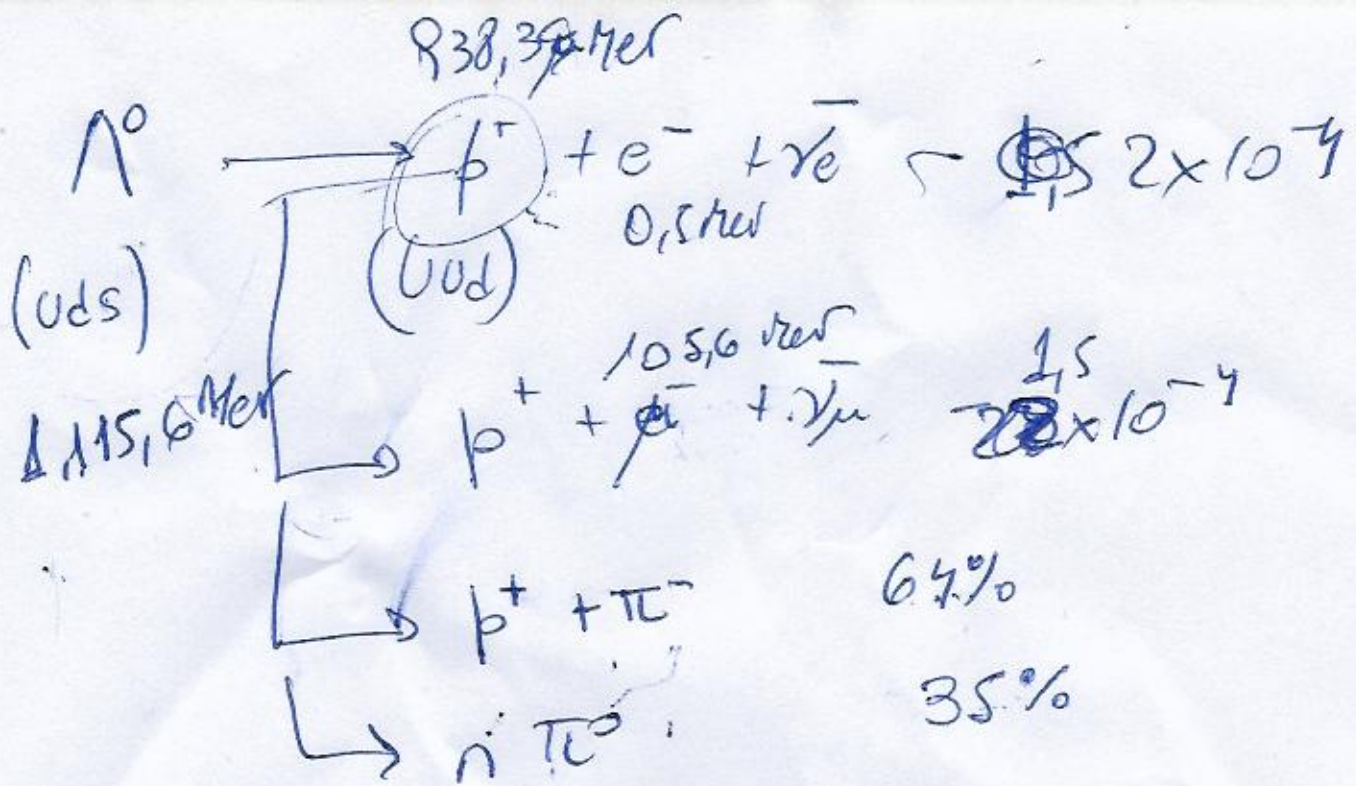
sol.

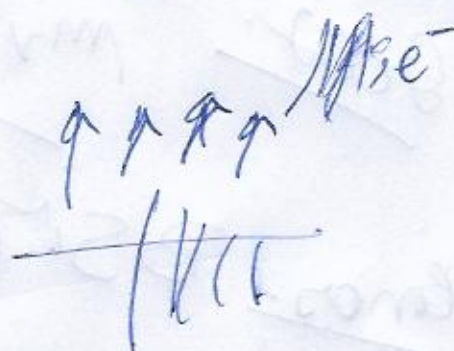
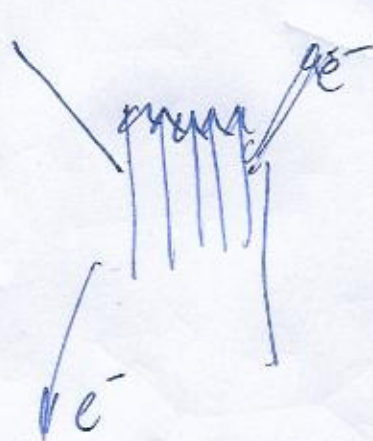
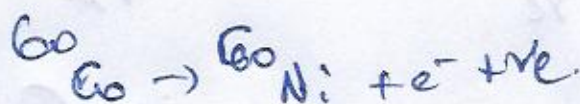
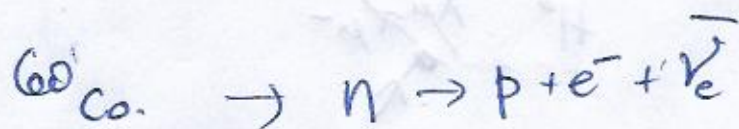
$$\Lambda^0 \rightarrow p + e^- + \bar{\nu}_e$$

$$\Lambda^0 \rightarrow p + \mu^- + \bar{\nu}_\mu$$

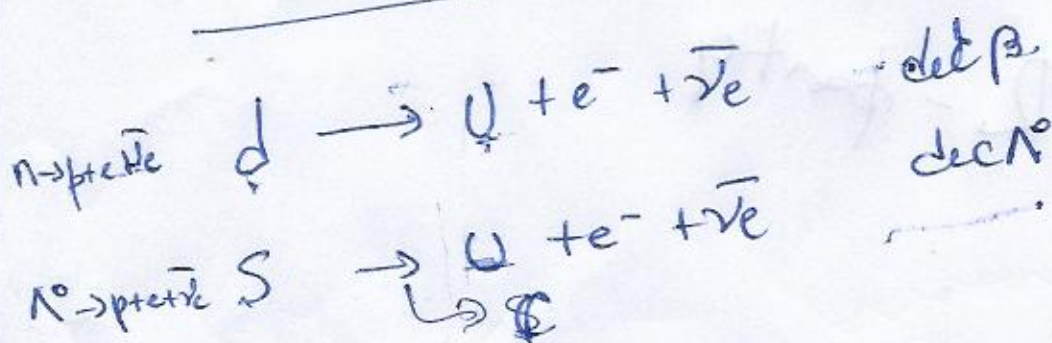
⑧







Viteza d'le  
suntia P.



$$|d'\rangle = V_{ud} |d\rangle + V_{us} |s\rangle$$

$$|s'\rangle = V_{cd} |d\rangle + V_{cs} |s\rangle$$

c

$$\vec{F} = m\vec{a} \rightarrow \frac{\vec{F}}{\vec{a}} = m$$

$m_e = 0.511 \text{ MeV}$  ?

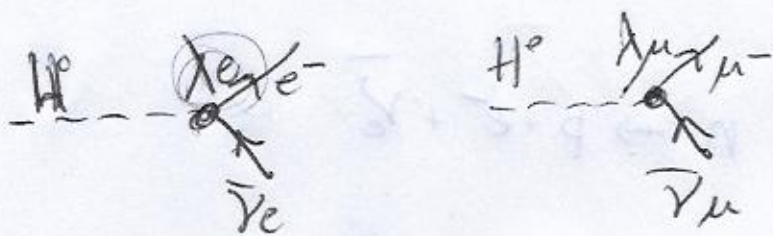
$m_p = 1.056 \text{ MeV}$  ?

$m_{\nu} = 0$

$$\vec{a} = \frac{d^2 \vec{x}}{dt^2} = \frac{\vec{F}}{m}$$

Coef. de Yukawa.





2007  $m_\nu \neq 0$

Honors BSM

MSSM  
↳ 121

2-party