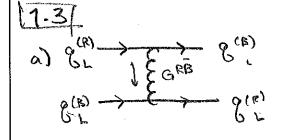


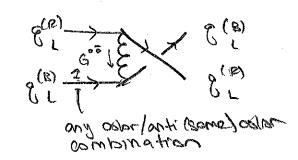
ITZI a) B. (82) G X

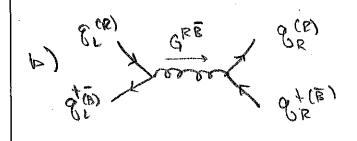
P & Mo undated indices

(con contract wil Eap, but then uncontracted in index on G)

three undotted indices no tensor to contract all three,





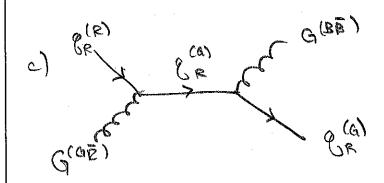


TO CRI STEET TOT LINE HW 1/80 & Stypo! ::

(S SHOWN RE

(CR) STOR) -> C(R) STOR)

(CR) STOR) -> C(R) STOR)



THE NOS I WILL & GLEW STEP IN STEPS IN

b) 9(P) 9(B) -> 9(P) 9(B)

GUIDNS CONSEQUE OHIRALITY, BUT THIS

PROCESS DES NIST

( not only connects gift, acuer gille, for eg

c) g(B) G(BE) -> g(CA) G(BB).

DOTES NOT CONSERVE REDNESS / BLUE - WESS

2. Att = 17/0/1/0/17

these are fermions; so move function must be antisymmetere.

HONDUBE, Wo on additional index. Huis configuration is symmetric

SOUTHON: EARLY QUARK IS A ASTUNCT COLOR THEN CONTRACT

> 17> 8 11 8 11 / 8 2 11 totally outsafm.

Mb. flus is a pacticle.

have the some mass dim IN NATURAL UNITS

(becouse [9] = [3])

$$= -2 + 1$$

$$[[K] = -1]$$

$$\frac{3.2}{e^{iS}} \Rightarrow \frac{S}{S} = \int dt \perp \rightarrow \frac{S}{S} = 0$$

$$\frac{S}{S} = \frac{S}{S} = 0$$

$$\frac{S}{S} = \frac{S}{S} = 0$$

$$\frac{S}{S} = \frac{S}{S} = 0$$

these s tems must have the same units.

EQUATING THESE

I this is a speed

3.4  $S = \frac{1}{2} \int dx dt (30)^{2}$ MASS DIM -2

(3) = +1

> ITEST = of the m 20 spacetime!

from Amonsional analysis, ripples travel wi spead = [c = K/2 = 1]