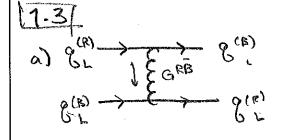


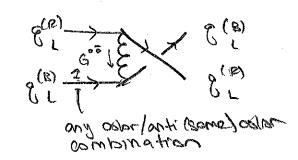
ITZI a) B. (82) G X

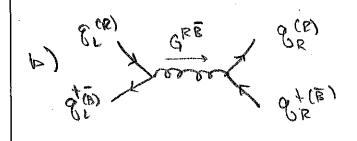
P & Mo undated indices

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

three undotted indices no tensor to contract all three,





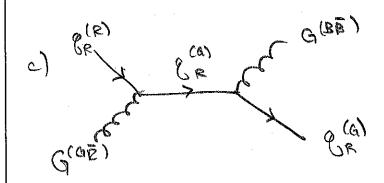


TO CRI STEET TOT LINE HW 1/80 & Stypo! ::

(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

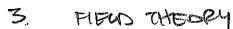
these are fermions; so move function must be antisymmetere.

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.





See addendum at 3/12/2018

end of this document! have the same mass dim IN NATURAL UNTS

(becouse [9] = [3])

$$[K] = [\Delta x^2 M]$$

$$= 2[\Delta x] + [M]$$

$$[k] = +3$$

=
$$[\Delta x^2 \, M]$$

= $2[\Delta x] + [M]$
= $-2 + 1$
= -1

$$\frac{3.2}{e^{iS}} = \int dt \, L \rightarrow \left[LJ + Ldt \right] = 0$$

$$e^{iS} \rightarrow LSJ = 0 \Rightarrow \left[LLJ = 1 \right]$$

these s tems must have the same units.

EQUATING THESE

I this is a speed

HW5 - WNG ADDENOVM (3.1)

L== 2m 8; - K(8i+1-8i)2

[S] = [Ldt] = [m] + 2[8] - [t]

 $[d + K(g_{in}-g_i)^2] = [KJ-1+2l0]$ = [KJ-3]

>[K]=3

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]