Lorote Invalence & "Soft Links" Pench les that were been bilding to ... Matic Elevel we would got by scattery extend & M = E MM where E's some liver combination of two
photo polaritation rooters E' & E' L. I., under Loute tous fruite. whee Mn = 12 M2 M -> E'M M'n there E is not roally a fell 4- roland only 2 compounts Under little group transformations (you will show in your flw.) End C, E, 1+ C, E, 2+ Cop only this with all only this with a Hilly only this with a Hilly some " Oul L. I. it we have promise of the office of the original o or P^Mm = O & (By Little grap) 5., M= E^1Mn -> (4, E, 1+C, E, 1+C, P^1) Mn = E'MM' + C3 PMM'

most go to co We will see, have enormors implication ord

Massless Spin-7 partiels en only intent w/ P-tide of Some mass.

Now allow many differd | metter fields & many free (air). 5 (Chet same mass!) i = 1, ... Nonther Is = 1, ... Nylvans ₹192 (Ma) + MB) = 2(-i)(P2.2) (Ta) Tbc - Ts Tbc) = -2: (P2.82) [T A, TB] In fet, missing diagram 9, 200 ABC = +2:(p.e) \$\frac{4}{2}\$; \$\frac{4}{3}\$C Take & aglions mist Table

Ta