Stadad Mill	
the version of QFT that the our vairage is alread by.	
As wern soon much of the world is from the basic priciples of QM + L-I.  O, 1/2, 1, 3/2, 2 F B B B B  ect Spin-7 Jong Mills	: (3
SM attempt to explan all phenomen of poutrale physics physics of smll number of particles of 4 - types	
$\frac{l_{opt}-s}{\binom{v}{e}\binom{v}{n}\binom{v}{z}}$ $\frac{\binom{v}{v}\binom{v}{s}\binom{v}{s}}{\binom{v}{s}\binom{v}{s}}$ $\frac{\binom{v}{v}\binom{v}{s}\binom{v}{s}}{\binom{v}{s}\binom{v}{s}}$ $\frac{\binom{v}{v}\binom{v}{s}\binom{v}{s}}{\binom{v}{s}\binom{v}{s}}$ $\frac{\binom{v}{v}\binom{v}{s}\binom{v}{s}}{\binom{v}{s}\binom{v}{s}}$ $\frac{\binom{v}{v}\binom{v}{s}\binom{v}{s}}{\binom{v}{s}\binom{v}{s}}$	
Garge Boons Spin I Spin O 8 gr8 WFZ H	
All are assumed to be element.  Shite	

Quela Nomber associated ul each gently  $L_e = \mathcal{N}(\bar{e}) - \mathcal{N}(\bar{v}_e) + \mathcal{N}(\bar{v}_e) - \mathcal{N}(\bar{v}_e)$ All other particle have be = 0 Conservation of elaston number =) elatons (2) need to be creded/destiged Corrisponding lopton Numbers for Lu & Lz VEMVC10' KBtheyld to be O. (my) (mu) (mu)

Now known that at logit

(io3) (101) (1.7)

2 (maybe all) har my>0

W, Z exchage Em saw medidad by exchange of 8 Similar for wont should be exchange the exchange of the exchan Similarly for wont should be exchange of Whom drawing diagrans, most remember to consone Lapter numbers & charge. eg: v, e v, l

v, e

v, Lepton Universality

All data consider al hypothesis that

intending of & All goodins are

the same (Md-lo mess differences) the same (Md. lo mass differences) m2-90 GeV mwr. ~ 80 GeV 7 0 GeV Major implication for "range" or effective stought e C By unedidy Priende

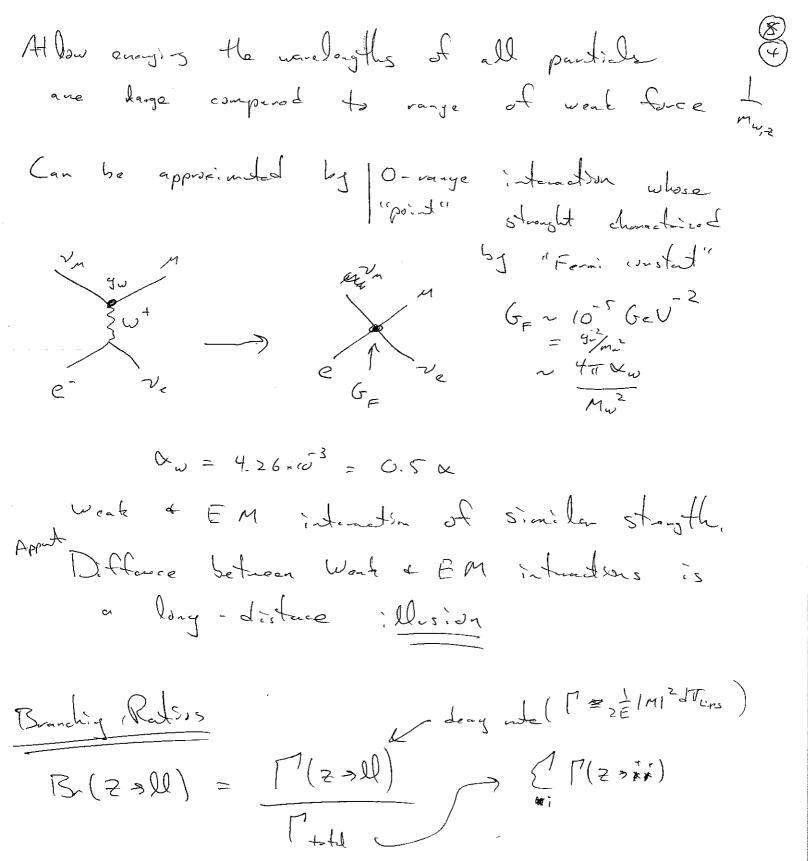
E E X I = Jpz+n²

E E MAX ~ 1

E C an be arbitaly

At bost on he of mye

have for sould pr



 $\frac{\left[\operatorname{Sr}\left(2 \to ee\right)\right]}{\left[\operatorname{S}-\left(2 \to nn\right)\right]} = \frac{1}{2E_{z}} \left[m(2 \to nn)\right]^{2} \frac{\left[m(2 \to nn)\right]^{2}}{\left[\operatorname{S}-\left(2 \to nn\right)\right]^{2}} \frac{\left[m(2 \to nn)\right]^{2}}{\left[\operatorname{S}-\left(2 \to n$