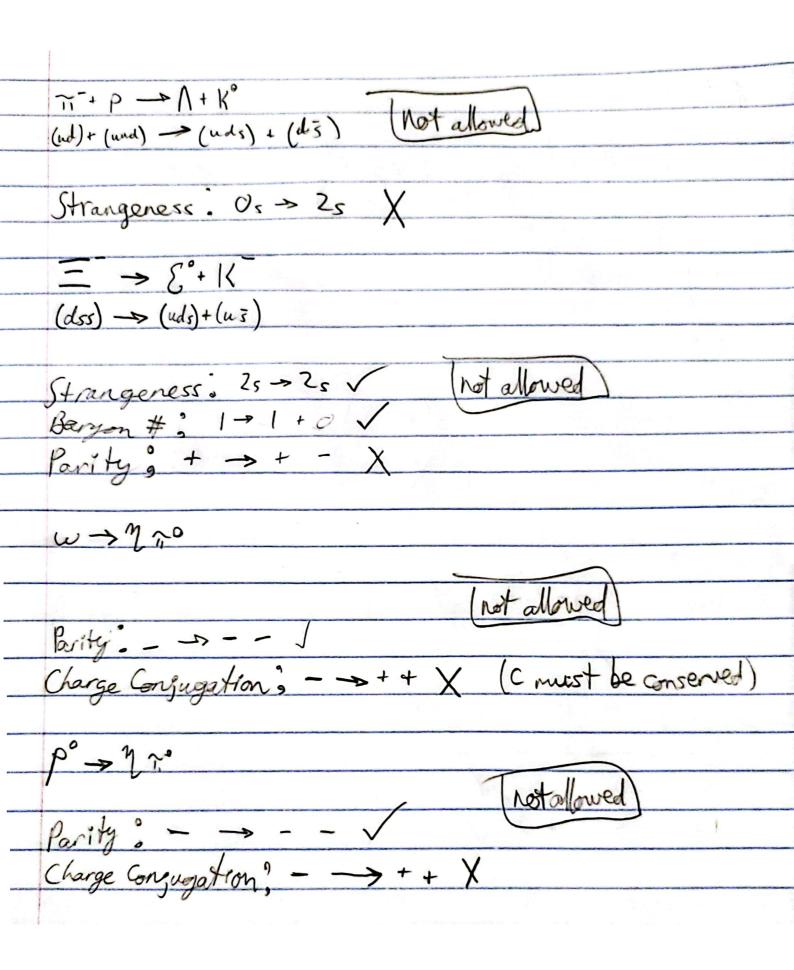
) (	y) ρ·ρ → n·ñ
	Reactions allowed by the stary interaction conserve;  energy * isospin and \$\tilde{J}\$  * baryon #  * Charge Q  * strangeness  * Parity
	(und)+(und) -> (ddu)+(Idū)  [rot allowed]  Baryon# - 1+1->1-1 X
Ę	$(us) + (du) \rightarrow (uus) + (ud)$ [allowed]
	Strangeness / Baryon #: 0+1-> 1+0 / Parity: - + - + -
c)	J. 0+ 1 - 1 + 0 V Q. 1+ 0 - 1 + 0 V d+d - He+ mo
	Baryon #; 2+2 > 4+0 \ [allowed]
	Strangeness: √ (no 5 quarks) 3: 0+0 → 0+0 √ Q: 1+1 → 2+0 ✓



Retros: 0: 0 : 0 = 9 | M3/2 | 2: | M3/2 + 2 M1/2 | 2 | M3/2 Myz

=> [9:2:1]

$$) = \overline{+} \rho \rightarrow \Lambda^0 + \Lambda^0, \Lambda^0 \rightarrow \Lambda^- \rho$$

$$= \frac{1}{5} \sin s_1 = \frac{1}{2}$$
 =>  $s_{ip} = \frac{1}{2} = \frac{1}{2} = 1$  or  $s_1 = \frac{1}{2}$ 

$$\sum_{N_1 = \frac{1}{2}} spin s_1 = 0, \quad So \quad A spin s_N = \frac{1}{2} = \sum_{N_1 = \frac{1}{2}} S_{N_1} = 0 \text{ or } 1$$

=> 
$$L=0$$
,  $S=0$  =>  $J=0$ ,  $P=(-1)^{o}=+)$   
(anti-symmetric  $S=0$