for Springly Stutk salt
$$k = kqp$$

$$E^{\circ} = 0 \cdot 0.0592 \log k sp$$

$$\log kqp = \frac{E^{\circ} \times n}{0 \cdot 0.0592}$$

$$kqp = \frac{E^{\circ} \times n}{0 \cdot 0.0592}$$
5) Determination of mean ionic activity to efficient % electrifyty

Quinhydron > mixture of hydrogumone of the selectrifyty

Quinary for the selectrify

On Orielation

On Reduction

On Reduction

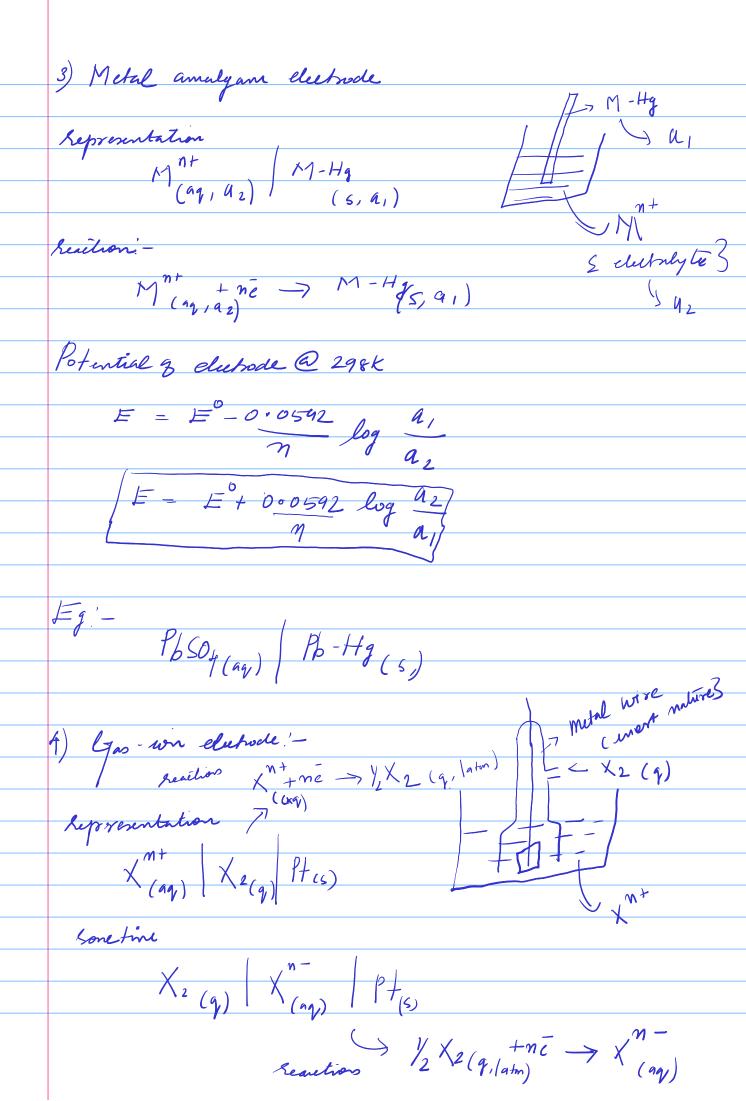
On Reduction

$$(51) = \frac{1}{11} + \lambda e^{-\frac{1}{2}} + \frac{1}{2} + \lambda e^{-\frac{1}{2}}$$

$$On Office (Mode) | Hd (Mode) | Agd |$$

Measure E@ different on & plut a gospon b/w =+0.1184 log m Vs M (a) [m] =0 Once you get E we can Calmente / delimine the 8+ @ any Concentration Types & elutudes 1. Metal-metal son electrode 2. Metal-metal insoluble Salt electrode 3. Metal amalgan eletrode 4. Gas-won delbrode 5. Redon Clubrode 1. Metal - metal - von elekrode! -Reposessentations:-M (49, a,) M (5) it own wis (M) n+3 M+ne > M(s)

potential of Cul @ 298K $E = E^{0} - 0.0592 \text{ loy } \frac{1}{4}$ $E = E + 0.0592 \log \alpha_{n+1}$ E & Umn+ Eg!-CuSoy (aq.,) hu (5) Zn U2 (ag) Zn (s) Pure mulal 2. Metal - metal unaluble Sult electrode Representation (49) $M \times (5)$ M (5)Common ion $M\chi_{(s)} + n\overline{e} \longrightarrow M_{(s)} + \chi^{n-}_{(aq)}$ Potential @ 298 K $E = E^{\circ} - 0.0592 \quad \text{log } A_{\chi} n - \frac{1}{2}$ E/ Lyn-Eg - - Clagged Ag (s) Ag (s) (1 (98) / Hg2(12 (5) / Hg(e) / P+(5)



Potential @ 298 K

$$E = E^{\circ} - 0.0592 \log \frac{1}{N_{NH}}$$

$$(07)$$

$$E = E^{\circ} - 0.0592 \log N_{NH}$$

$$(29, [atm]) \Rightarrow \frac{1}{N_{NH}} = \frac{1$$

 $E = E^{0} - 0.0592 \text{ log } 92$ $= -E^{0} + 0.0592 \text{ of } 6$

 $E = E^0 + 0.0592 \qquad log \frac{a_1}{a_2}$

