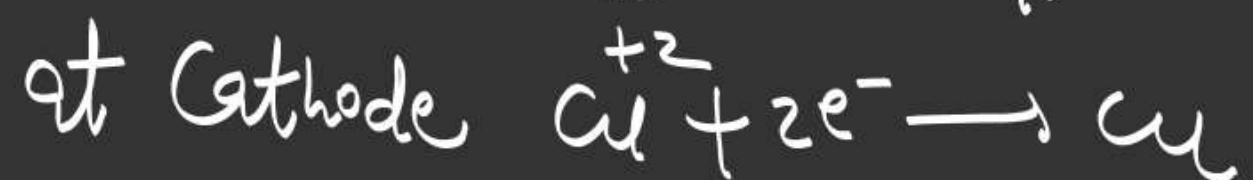
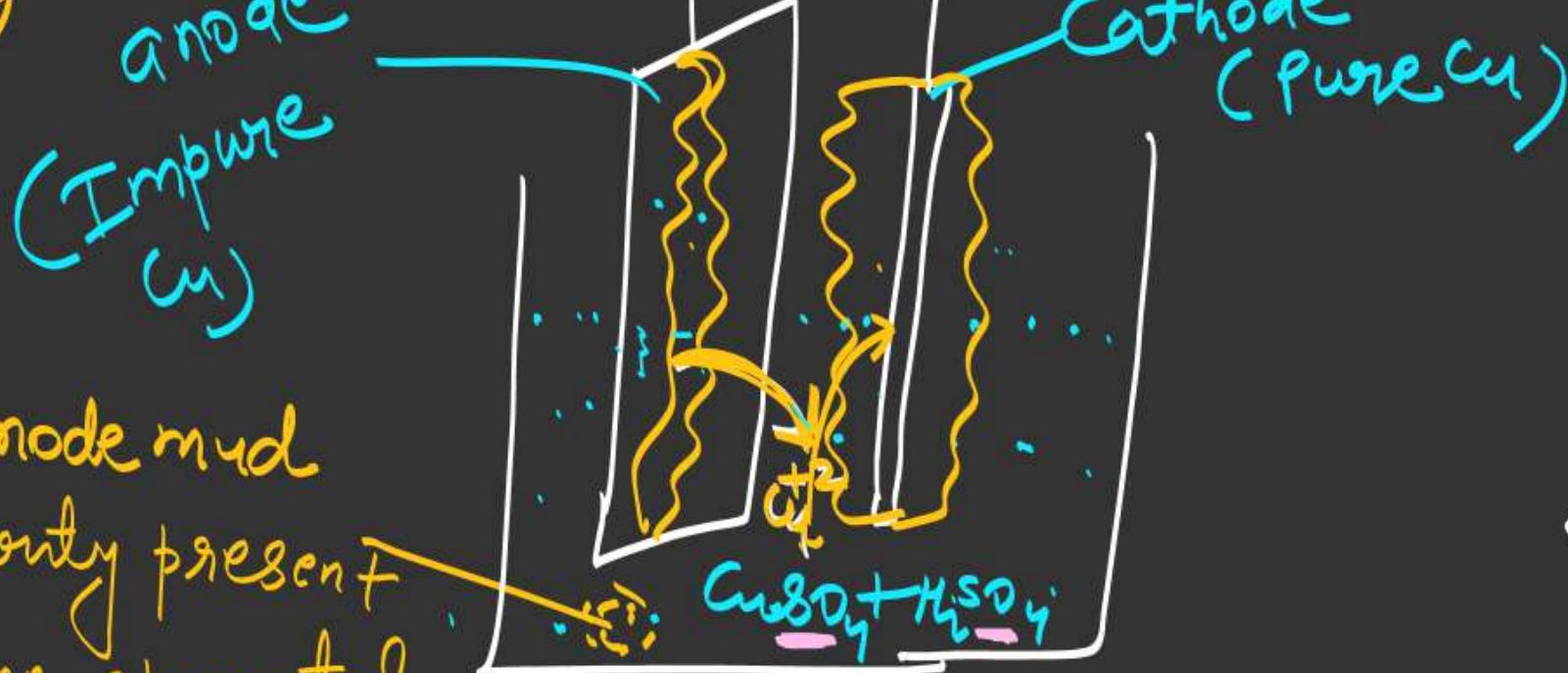


Mn Zn Cr Fe Pb Ag Au Purification

Impurities are present

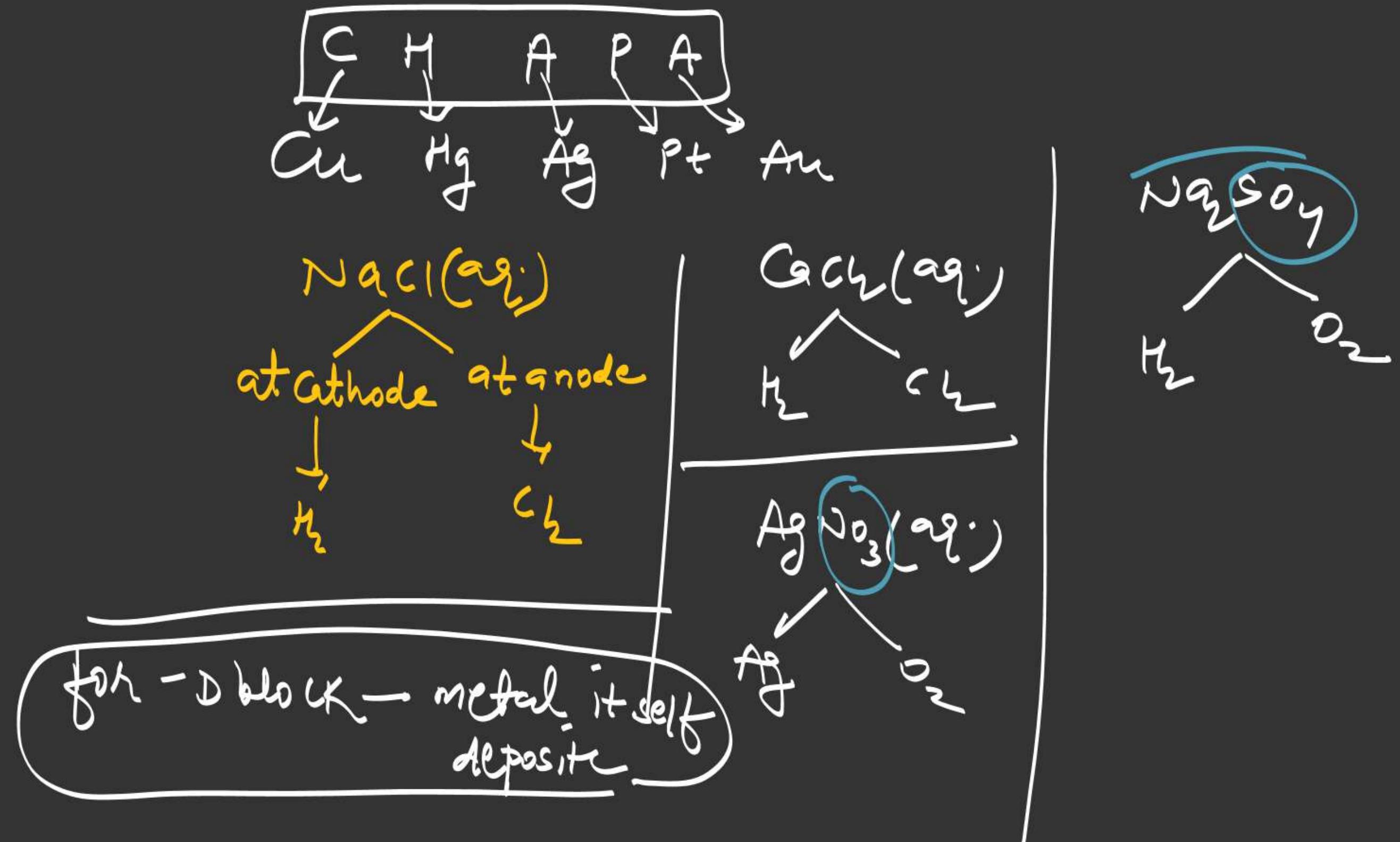
in mode then find the
Order of impurities that are
coming in solution.



Li	↑ oxid. pot. ↑
K	
Ca	
Na	
Mg	
Al	
Mn	
Zn	
Cr	
Fe	
Cd	
Co	
Ni	
Sn	
Pb	
Hg	
Cu	
Ag	
Au	

present in the
solution in the form of
cation.

down the series
Red pot. ↑



Condition of electrolyte

Oxid. Pot. of metal $>$ Oxid. Pot. of anion

and if $\text{Oxid. Pot. of } Z^- > \text{Oxid. Pot. of } X^-$
 $\text{Oxid. Pot. of } M > \text{Oxid. Pot. of } Y^-$

$\text{Oxid. Pot. of } M < \text{Oxid. Pot. of } X^-$
 Then identify electrolysis for electrorefining
 of metal M

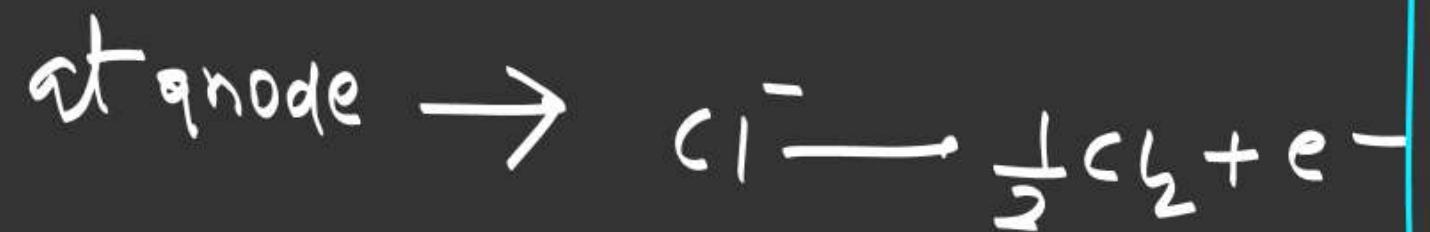
- ① MX MY
- ② MZ all none
these

Anode mud often contain impurities of

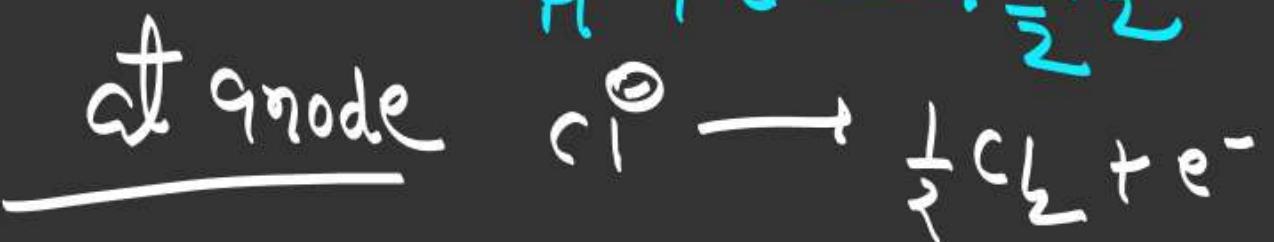
Au Ag Sb Te Se Pt
आँखी आँग सध टीचर से पिटे



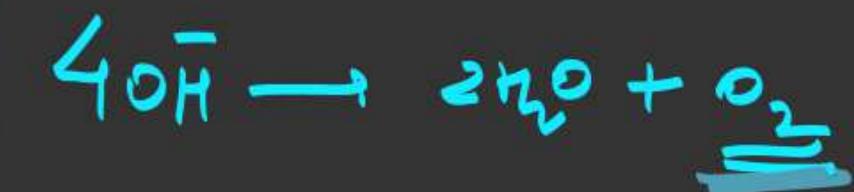
(molten)
(fused)
at Cathode



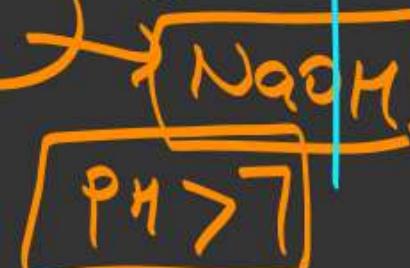
at Cathode



deposition order



Basic



$$\boxed{H \cdot \omega}$$

DPP

→ One - Learn from

② Sheet up to DPP

Electro refining

Note \Rightarrow S-block element can never be extracted by their aq. solution

