

Vas -> A singly ionized vacancy on a silver site. -vely charged ionic defined. Va -> singly ionized chlorine vacouxy Aga + vi = Agi + Vig × -> No charge associated NIL = [VAg - Ag x] + [Ag; -V; ] mass Action Law: [VAg] -> concentration of singly ionized silver vacamcies Electronautrality condition (ENC) [va] = [Agi] KF = <u>[Vas][Agi]</u> [Ag \* ][V; ] Plat is at posticular activity of Ag and postial prossure of U.