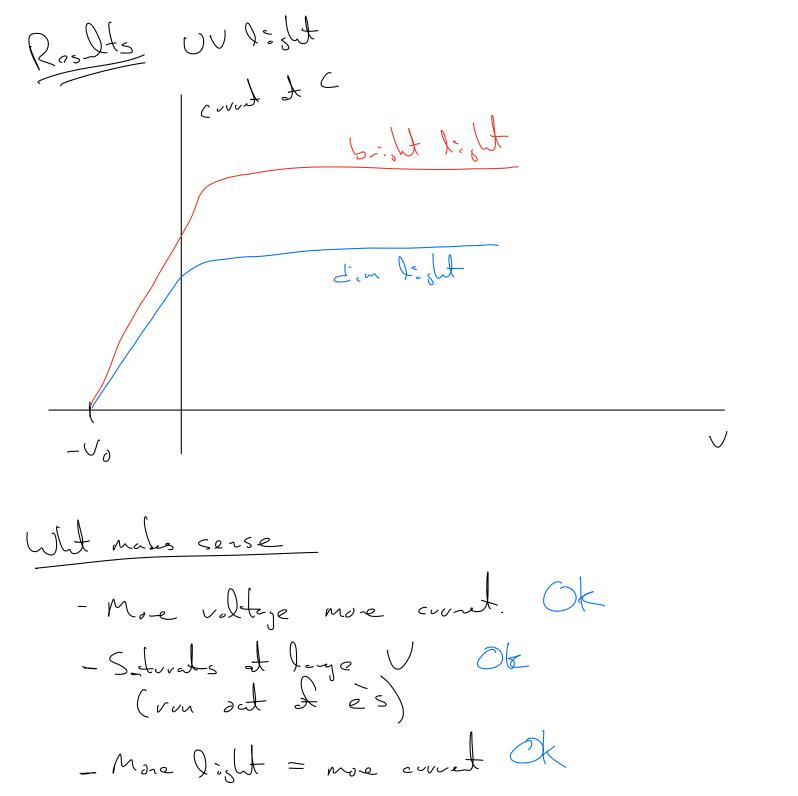
Photo detre Est Late 190 physicists obsered "photoelectric" ettel eletre charge expelled from motel surfaces
when exposed to light. Meased to be electrons (e/m) Buch of expents: mease # 23

mease

or count. Vary V & measre courset at C a light indersity " a of " Whit was time was very contsy ...



- No count it v stille negutie Ok

Des hue linte KE, out over Eptill

Lies does it -) why does "stopping" vallage not depond on intending. Surely, the more interest the light, the more energy the es shall have? =) (overt seen vinstally (no blog) Classically vould expet some significant delay (H(V)) =) No ès come out it you use list of diffit color! No às ejeted unless the light Choquery exceeds some minimum. It below no correct no mutter how induce the light!

Demo

Tours out to expain this need to the authorized step. (Einstein)
Chotas : (Motatel by Plant)
Assures light qualited and each unit has everyy given by forevery
$E = hv = \frac{hc}{\lambda} \frac{(1240 \text{ eV nm})}{\lambda}$
And these put-de ("plotons") are absorbed in descrete
Note much more vandral than Plants hypothesis
Date: fundantilly state of how list intents with matter
(Complicated, Ill 2 polets obscentiss)
Einstien: State about light in a A itsolf

C' Socond coming of h'

2nd rounding rounds land to QM.

Har loss this silve our prollens? Assure election binding energy given by $\frac{1}{1} \quad \begin{array}{c} x + e \rightarrow e \\ E_{\delta} + -4 \rightarrow KE \end{array}$ Ez=hv> & get elodors with KE = hv-& Moe interse light => more X +0 cllistes, but out higher E photos! Now of hord => no es out Productor Com Vo "stopping" vallage eVo = KE = hv-k $V_0 = \frac{h}{e} v - \frac{\Phi}{e}$ K slope h His git Einstein He Nobal prize