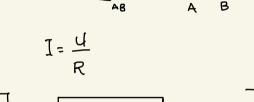
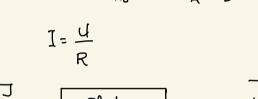
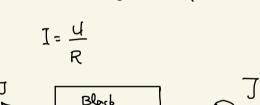
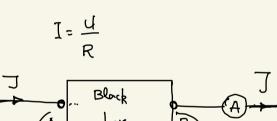
## MARTIE

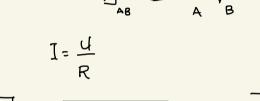
Déterminarea rejetentes detrice que metodele AMONTÉ ni AYAL

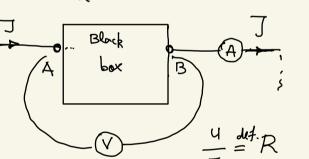


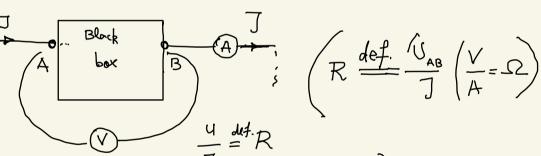


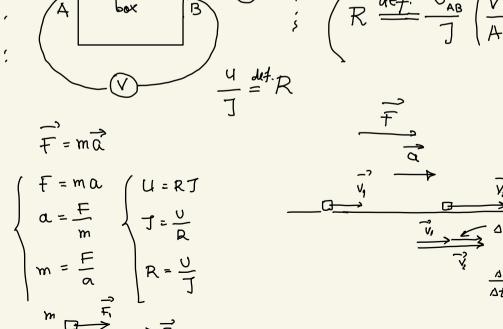


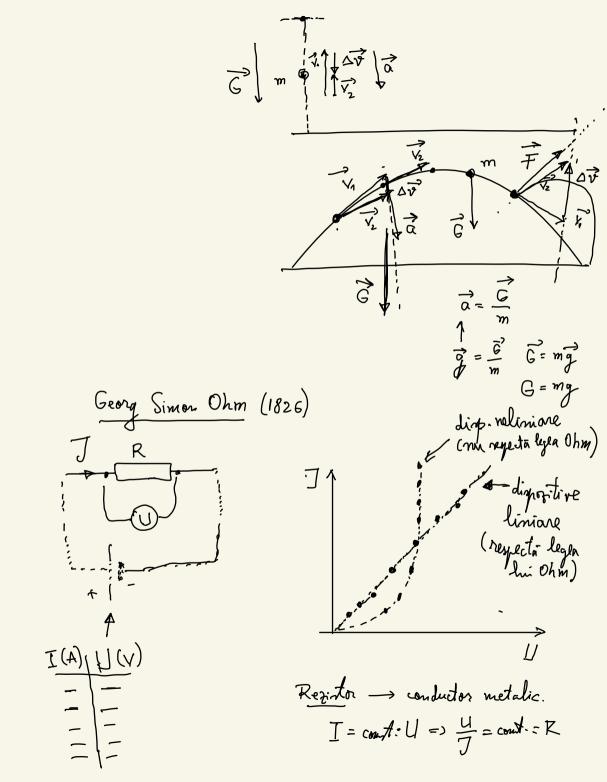












Enunt: intensitatea curentului electric printo-un rezistor este dinest proportionalà en tensiunea între capitele acchi registor.

$$\begin{cases}
\frac{U}{I} = R \\
U = RJ \\
J = R
\end{cases}$$

$$R = \frac{U}{I_R} \text{ (adevanta)} = \frac{U}{J - J_V} = \frac{U}{J - \frac{U}{R_V}}$$

$$R = \frac{U}{J} \quad \text{(evanata)}$$

$$R = \frac{U}{J} \quad \text{(enonata)}$$

$$R = \frac{U_R}{J} \quad \text{(adenizata)} = \frac{U - U_A}{J} = \frac{U - R_A J}{J} \quad (2)$$

Scopul hurarii consta în a depirta care din cele donă montaje ofera o valoare  $R_1 = \frac{4}{J}$  mai apropiato de adevar.

I noanea va fi evaluata prim noanea relativo RTR

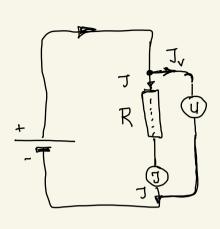
troonen relativo  $\left|\frac{\Delta R}{R}\right| = \left|\frac{R_i - R}{R}\right|$ 

Montajul Arral Dorca R & R (rezistente mici) =>  $J_R \approx J \implies \left| \frac{SR}{R} \right| \text{ mica}$ Donca  $R \approx R_{V}$  (resistentia mone) =)  $J \approx \frac{J}{2} =$ )

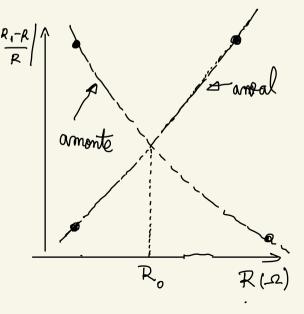
Metodor aval ute "bana" la régistente mici.

1

Metoda Lamonte.



Doca  $R \approx R$  (registente mici) =>  $U_R \approx \frac{U}{2}$  => broane Doca  $R \gg R$  (registente maxi) =>  $U_R \approx U$  => broxi R mici



Concluzia finală; Dacă R<R este mai lumă conexiumea Aval no doca R>Ro este mailunia comeximea amonte.  $\left|\frac{\Delta R}{R}\right| = \left|\frac{\Delta R}{R}\right|_{CM} =$ vezi electricitate, fizica, unipole, ro =>
=> ... facet calculate ptr. (SR) av, am
ni deduceti ca R ~ VRRV
o, teoretica Aceste colonle tribaire sà aparà ma R=952 , x R = 200.000 52 (xala de 10 m A, DC) (ptr. scala de 10 V, DC) Ro, tentic ~ VRRV ~ 1342 12

$$|R_{0} = 1340 \text{ SZ}$$

FOLOSESC NICĂIEN

Se determină volonnea R, exp din internetia celor doma grafice ( DR ) ni | AR | ca funtie de R ) in se compara en Ro, tenetic ~ VP. RV.