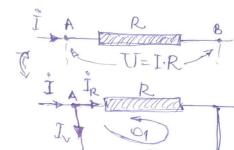
Cl. 10a - 524,3 - Influenta Ry-ref. Weterne a Voltmetruhu asupra caderii de fensiume pe set de masural (U= R·I) (pog. 92)

· Pentru maturarea caderii de tentiune pe rej. (R), U = R.I. se montea to la bornele sale un V-metru de rej. (RV)



- Pentru a determina influenta mi (Rx)

abupra tens. masurate Umis=In:R scriem.

s Leg. Kinchhoff cu: Emodul (A) astfel.

- pe ochive (01)

 $L_{1k}(A)$: $\tilde{I} - I_{R} - \tilde{I}_{V} = 0$ (1) $\longrightarrow \tilde{I}_{V} = \tilde{I} - \tilde{I}_{R}$ $\langle L_{2K}(0) : 0 = \tilde{I}_{v} \cdot R_{v} - \tilde{I}_{R} \cdot R = 0.$

-> Eliminam pe (Iv) cutre ec (1,2)

(1-1R).RV-IR.R=0 i.R. - I.R. - I.R. = 0 - I.R. = I.(R+R.)

 $\operatorname{dici} \left| \hat{I}_{R} = \hat{I} \cdot \left(\frac{Rv}{R + Rv} \right) \right|$

Acum: $U_{mas} = I_{R'}R = I \left(\frac{R_{V}}{R+R_{V}}\right) \cdot R = I_{R'}R - I_{R'}R_{V} = I_{R'}R_{V} = I_{R'}R_{V}$ $U = I_{R'}R - I_{R'}R_{V} = I_{R'}R_{V} = I_{R'}R_{V} = I_{R'}R_{V}$ aparento

diei Vinas - Vaparent (1+ R/RV)

Discutie:

Vivas ~ Vaporent (RV) PO; RV>>> R

b) Unis & Vaparent (=> (R) +0; Rv~R comparable.