

Des y 41 averteu d'avienne la aviavorien mon on réces 4. 4. 4.

Kanaa empoj y 40 ba graces ra 30V. Pore, vien fer per perfue emp la neu 68 avrd 20 mpsolo y DE Gaylaráse va ágel. Anlah, nóre, 4=308 4=293V In sopper now y the naver we ager, so whedge praperar ws Engi

2000 UA= 4-0.7 + 10 172 - 172 174 - 172

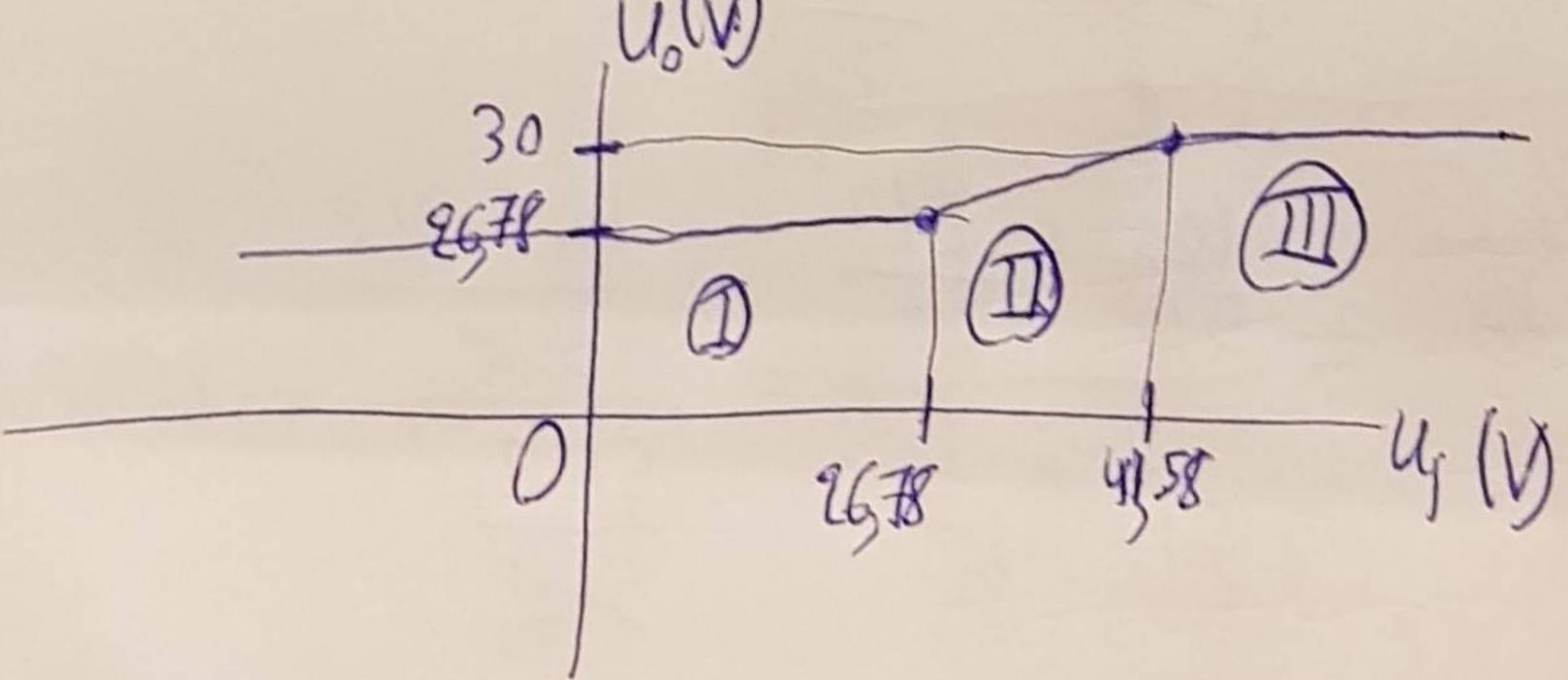
uj my A

Ja 4=29.3V, Jelow in 4;

1) porwomer uj = 43,58V

En 160 avoiétéque de menaringage soir superdayifévagre
jou médils ms flz, logus suréxeras)

18010X88 (Haggagyin 45-45)



B) i) 40(412-10) -> neproxy 1, apa [4= 96,78V)

(i) U, (Un) -> Gynelo allayos, dopo I kan D -> [U= 9678V]

(ii) U, (Un+ 4iH) -> neproxy D

46 (412+44) -> reprosed (D) -> M D2 ON Biri) (Euripeia) To kildwya ytvorai: Bytom u_A pr Millman: $u_A = \frac{33.83 - 0.7}{3.10^3} + \frac{10}{5.10^3} + \frac{29.3}{10^3} = 27.61$ -Apa 40 (33,83V) = 24,67+0,7= [28,31V] B)iv uo (4) = [300] (Allayof II pe III) V) 46 (UH+1N) -> OEPION II -> (U=301) $V_{i}) \quad U_{o}(-\infty) \rightarrow \text{reproxim} \quad I \rightarrow \underbrace{U_{o} = 2676V}_{U_{o} = 30V}_{V_{i}}$ $V_{i}) \quad U_{o}(+\infty) \rightarrow \text{reproxim} \quad III \rightarrow \underbrace{U_{o} = 30V}_{U_{o} = 30V}_{U_{o}}_{U_{o}}$

C) As 1/2 = 400 (H D2 denoupped our Zener), note Max $\{U_0\} = ?$ Upmin=?

Av $V_2=40V$, rose van per pa $U_i > 41,6V$ y D2 fev la age, and Ja pua noul pegalistem synt mis U_i new navw la descriptione cav Zenet. On y U_i la a consplice un ausavenan avaloga pre V_i $V_$ Oso the Off to orthogra? And Millman: Bishys up= 70 pa va lenoughter y the con zener. $70 = \frac{(u_{1}-07)}{3\cdot10^{3}} + \frac{10}{5\cdot10^{3}} \Rightarrow 70 = \frac{5\cdot1u_{1}-0.7}{5\cdot10} \Rightarrow 8\cdot70 = 5u_{r}-3.5+30 \Rightarrow 5\cdot10^{3}$ P 4= 8-70-865 = [106.7V] Sa 47 106,7V y De lessongel car rener. DEN Graparia va de monogral los Zener pa 47, 1067V as the monographs Néo Kanduja: brow FO y UA)