Elektronik

Aufgabe 35

Aufqabe 36

a) Impromotor 21 billernzier 31 Int 5/Adeliery

41 how Verstanker

b) U4= 012 U4= tw

Ula = (R3+R4|R1) (1+ - R4 U - (1, Jump mon bestimant ingendice clus rectines: 1)

77 = (P3+R4) R1 (O+7) - R4 (O+7)

 $= > 0 \circ \left(\frac{(R_3 + R_4) R_1}{(R_1 + R_2) R_3} - \frac{R_4}{R_3} \right) = \left(2 - \frac{(R_3 + R_4) R_4}{(R_1 + R_2) R_3} \right) - 2$

(R3+R4 |R1 = R4 |R1+R21 Dz= 200 JZ

Setze 12= 10002 P4 = 2000

7 R3 R1 P3R2 - P3 = R4

Ru = 7 P3

31 Int VaI = - nt of et ("Idt" $1/T = 7 - \frac{1}{2} (=) L = 1.75 mF$ ZI piss Clap = RC - ellell1 160 = 4 - RL (=> C= ROMF ila = -R[R6 + Clast + Clap] 6 R6 = R7 = R8 = R el 2 sin(0+1=cle= = = (le = Upo + Vat + clop = (2005 (w110) + cos(w1) - 6-2-4-45in(w1)