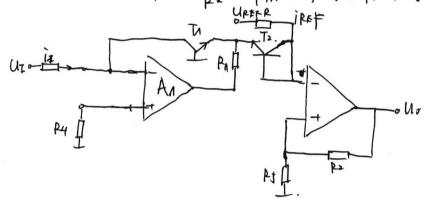
Logarithmieren schalting

4DC为O. 没存在立底和效应, 识不管工作在11向条点,

网络职队于Is. Ut. 受温度影响

Js可加田对 In 影做是·抑·那取和南亚个战作管,

40= P. UTIN Teef-1大概板门用热饭的指消以下



- · TA. LIBCA = O . TI. LIBCA = U.
- · HO= K. (UBEZ- UBEN)

2+3 Vol-lessing.

$$\frac{1}{\sqrt{2}} = \frac{1}{\sqrt{2}} = \frac{1$$

用取料经例U7.

$$\frac{d}{d\tau} \left(1 + \frac{RA}{P^{2}} \right) - U_{T} = 0 \implies \frac{U_{T}}{T_{0}} + \frac{RA}{P^{2}} \left[\frac{T}{A + T_{0}} \right]^{2}$$

$$\Rightarrow U_{T}' + \frac{RA}{P^{2}} \cdot \frac{U_{T}' \cdot R_{2}}{P_{2}} \cdot \frac{R_{2}' \cdot U_{T}}{P_{2}} = \left(1 + \frac{RA}{P_{2}} \right) U_{T}' - \frac{ARA}{P_{2}} \right]^{2} \cdot U_{T} \cdot P_{2}' = 0.$$

Kerstitker mit Dioden in der Gegenkopplung. B- APXT to POT. ip= Isex pur >> Clo=Urlw Tc Ua1 = - (UD1+UD2) = -2UTINIE Unz = Ub3+Ub4 = 2U7 In To Ua = - Pr (Uan+ Uaz) = - Pr [-zUnlin Ie · iref)] = R2 . 2UT | W Fref . = 4,6 RAUT by Irf. Trempratmabhangig/cent. & Cla = dra oT = 4.6 PA 19 (Iref) - UTO ST. A.可以TOXX过较比了工产的常儿T. d (47 | T=T= 0 =) "A/1- Versta"+ker" Vither Variation Vst. West 0 & Usest & CIK.

Vither Volume of the Usest of Usest & UK.

Up The Variation of the Usest of Usest & UK. 1.141) 5 - 1.1x1) -4 LU-01. (1) CLBA = P3+ Ry Uan = CLDEA - LIBER = LITHWIREY. => Um = (1+ PA) UTINIDEF. (2) Nan | T=To 20 => In INST. Little + RT. TO -P4-P4-UT] => In INST. TO + R3 (UTO PROTECTION) => 2010 2Man | T=To = IN IREF UTO (To + mTo - mTc4). M = P3/P4. $\Rightarrow \frac{m+\Lambda}{Tv} = mTc4 \Rightarrow m = \frac{\Lambda}{TC4 \bullet T_0 - \Lambda} = \frac{\Lambda}{10.5 \pm \Lambda} \neq \frac{\Lambda}{1.05 - \Lambda} = 2b.$ (37, PL= 1×10-314= 1 mW adBm PH= 10mw & 10013m. PR= Ps- ol. S [dBm] PR, mW = 1/mW / 10 10 = 5=10km. PPL=-10dBm=. D.1mW => It= 1x10-4x0.J= tv10-4 A= toMA.

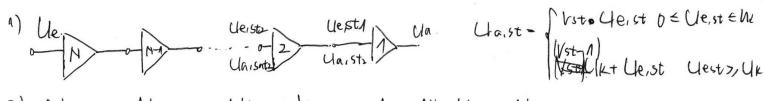
PRH = odom - AMW => IFH = TroMA.

10-02

1)
$$Clan = -(Up_1 + Up_2) = -2U_7 ln \frac{Je}{Jpo}$$
 $Claz = 2U_7 ln \frac{Jpet}{Jpo}$ $Clar = \frac{P^2}{P^2} \cdot (Ulan + Ulan) = \frac{P^2}{P^2} \cdot (2U_7 ln \frac{Jpet}{Je}) = \frac{P^2}{P^2} \cdot 2U_7 ln \frac{Je}{Jpet}$
2). $ln \times = 13 \times / 13e$ $\Rightarrow Ula = 24-6 \frac{P^2}{P^2} \cdot 13e^{-\frac{1}{2}}$

And die Clerchy die Temputatur ist abhaining von UT. Med Is von Von In Is - In Is kam die Ansmitkung von Is Kompensiert. Mit Is nicht zu tun. für UT T. Muss von eine Tempatunabhängige Wieberstande Kompensiert. Wie (A+ P2) UT oder P2 UT. [. A. ist abhängig von Temp].

Lo-03.



- 2) Cleisty = Maistz = Uk. Vst=471. Alle Ue = UK
 - => Uen= Ua, stant UK = P7.7mV. Un = V. UK = 400 mV
- 3). Ue. 2= UK = 390.6WV Ua = UK. Vot (Vet-1)UK = XVISTOMON UK. 700 mV
- 4) Uei3 = Uk Uai3 = 1.76 nV Uai3 = 1V.
- f) Ueii= UK Uaii=[4+4[-1]] UK € = (Vst -1) i+1] UK.
- 6) Wei = Vst N-1-1 = Vst SUa= (Vst-1) U/c= 300mV Que = 1g rst = 0.6. Laig= (Vst-1)UL = tomV.
- T) Ua = SUa, 19 19 Mer = SU. 19 mer + Uei 1.