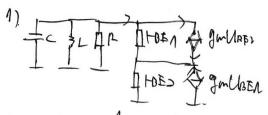
13. Oszillatoron、正致波振荡型、 基本原理、 这种环放灯的 k(s)= Uns), 反馈字放下(s)= (1)(s), (用环· Ku +5)= (1)(s) 4115) = Usis) + U'iis) => Usis) = U'iis) - Ulis) $|Ku(s)| = \frac{U_0}{U_1 - U_1'(s)} = \frac{U_0/u_1'}{1 - \frac{U_1'(s)}{U_1'(s)}} = \frac{|K \bullet (s)|}{1 - F(s) - K(s)}$ 可能也能积度。 Beispieleschaltung $I_{A}=-I_{2}\Rightarrow I_{A}+I_{1}=0\Rightarrow y_{A}+y_{1}=0.$ $y_{A}=A+j_{A}+j$ $\Rightarrow \frac{1}{2} = \frac{T_0}{4U_1}, \quad T_0 = \frac{4U_1}{P}, \quad j_{WL} + \frac{1}{j_{WL}} = 0 \Rightarrow -W^2CL + 1 = 0$ 非线性分析. 电路方程。 $I_{1} = \frac{U}{R} + \frac{1}{\sqrt{M}} \frac{$ => In+Iz=0, dIn+dt=6 0= fide+2 + C din- 447 (A-tampi 247) die => U+ \frac{1}{R} [1-\frac{10R}{4WI} (1-\text{tom}\frac{1}{2WI})] \frac{1}{Qt} + LC \frac{d^2u}{Qt^2} = 0 => d24 + pc 11 - Top [1 - tomh 2 = 1] / dt + 1c. N=0 => W= MSMAT, f1= ZZALL 非线性例以行至叶级仪(-所) / N(jm/1, 补线性贵叶证序号, 乌线性贵叶证序)。 $I_2 = F(ne) = -\frac{1}{2}(1 - \tanh\frac{\hat{M}\sinh vt}{2hT}), \quad \alpha_{M=0} \quad b_{M} = -\frac{1}{27}\int_{0}^{27} (1 - \tanh\frac{\hat{M}\sinh vt}{2hT}) Simutott$ NITW = DA. , Gign = P+ inc +inl => inc +inl=0 => f= 2 Table =) $\frac{bn}{a}$. p=n => $bn=\frac{a}{R}=\frac{1}{27}\int_{0}^{27} \tanh \frac{ann}{2m} \sinh t dt$. $D_{\Lambda} = \frac{U}{R} = \frac{10}{27} \int_{0}^{\infty} \frac{1}{4\pi h} \frac{1}{2h\eta} \frac{1}{$ 大倍于 tanh(x)=生儿 => M=元/Io Io>性, M=0, Io<6411=42.2M



O2-02.

1)
$$Z = \int_{1}^{1} \frac{1}{\int_{1}^{1} \frac{1} \frac{1}{\int_{1}^{1} \frac{1}{\int_{1}^{1} \frac{1}{\int_{1}^{1} \frac{1}{\int_{1}^{1} \frac{1}$$

2)
$$U_{0} = ip \cdot Rp + uRef$$
 $ip = |u_{2} - ip \cdot Rs|/2 \cdot lgh$
 $2s = \frac{1}{pu} \cdot \frac{1}{pu} \cdot Rs + \frac{1}{pu} \cdot Rs$

1. Fall
$$V_1 = 0.367$$
 2. Fall, $V_2 = 2.51$

5)
$$K = \frac{no}{na} = \frac{p_2}{P_1 + P_2} = \frac{1}{1 + \frac{p_4}{P_1}}$$

07-07,

2).
$$G(\tilde{\eta}n_1) = \frac{1}{\tilde{\eta}} P$$
. $N(\tilde{\eta}n) = \frac{\tilde{f}_{211}}{\tilde{u}} = \frac{-\tilde{f}_6}{2\pi n_1} \int_{0}^{2\pi} t_m n_1 \left(\frac{\tilde{h}_1}{2m_1} \cdot sinn_1 + sin$

3). Ans Voi-lessing.

3.1).
$$I_0 = \frac{4U\tau}{R} = 34.7mA$$

$$\int_0^{2\pi} \sin^{2} x = \int_0^{2m-1} \frac{2n-3}{2m-1} \cdot \frac{2n-3}{2m-1} \cdot \frac{2n}{2m-1} \cdot \frac{2n-3}{2m-1} \cdot \frac{2n-3}{$$

7.3) pos Halbrelle. To spector to
$$J_2 = 0$$

neg. Halbrelle. To spector. $J_2 = I_0$
 $2 \cdot y \cdot 2 \cdot \int_0^{\infty} \sin \alpha 1 = 0$
 $2 \cdot y \cdot 2 \cdot \int_0^{\infty} \sin \alpha 1 = 0$
 $2 \cdot y \cdot 2 \cdot \int_0^{\infty} \sin \alpha 1 = 0$
 $2 \cdot y \cdot 2 \cdot \int_0^{\infty} \sin \alpha 1 = 0$
 $2 \cdot y \cdot 2 \cdot \int_0^{\infty} \sin \alpha 1 = 0$
 $2 \cdot y \cdot 2 \cdot \int_0^{\infty} \sin \alpha 1 = 0$
 $2 \cdot y \cdot 2 \cdot \int_0^{\infty} \sin \alpha 1 = 0$
 $2 \cdot y \cdot 2 \cdot \int_0^{\infty} \sin \alpha 1 = 0$
 $2 \cdot y \cdot 2 \cdot \int_0^{\infty} \sin \alpha 1 = 0$
 $2 \cdot y \cdot 2 \cdot \int_0^{\infty} \sin \alpha 1 = 0$
 $2 \cdot y \cdot 2 \cdot \int_0^{\infty} \sin \alpha 1 = 0$
 $2 \cdot y \cdot 2 \cdot \int_0^{\infty} \sin \alpha 1 = 0$
 $2 \cdot y \cdot 2 \cdot \int_0^{\infty} \sin \alpha 1 = 0$
 $2 \cdot y \cdot 2 \cdot \int_0^{\infty} \sin \alpha 1 = 0$
 $2 \cdot y \cdot 2 \cdot \int_0^{\infty} \sin \alpha 1 = 0$
 $2 \cdot y \cdot 2 \cdot \int_0^{\infty} \sin \alpha 1 = 0$
 $2 \cdot y \cdot 2 \cdot \int_0^{\infty} \sin \alpha 1 = 0$
 $2 \cdot y \cdot 2 \cdot \int_0^{\infty} \sin \alpha 1 = 0$
 $2 \cdot y \cdot 2 \cdot \int_0^{\infty} \sin \alpha 1 = 0$
 $2 \cdot y \cdot 2 \cdot \int_0^{\infty} \sin \alpha 1 = 0$
 $2 \cdot y \cdot 2 \cdot \int_0^{\infty} \sin \alpha 1 = 0$
 $2 \cdot y \cdot 2 \cdot \int_0^{\infty} \sin \alpha 1 = 0$
 $2 \cdot y \cdot 2 \cdot \int_0^{\infty} \sin \alpha 1 = 0$
 $2 \cdot y \cdot 2 \cdot \int_0^{\infty} \sin \alpha 1 = 0$
 $2 \cdot y \cdot 2 \cdot \int_0^{\infty} \sin \alpha 1 = 0$
 $2 \cdot y \cdot 2 \cdot \int_0^{\infty} \sin \alpha 1 = 0$
 $2 \cdot y \cdot 2 \cdot \int_0^{\infty} \sin \alpha 1 = 0$
 $2 \cdot y \cdot 2 \cdot \int_0^{\infty} \sin \alpha 1 = 0$
 $2 \cdot y \cdot 2 \cdot \int_0^{\infty} \sin \alpha 1 = 0$
 $2 \cdot y \cdot 2 \cdot \int_0^{\infty} \sin \alpha 1 = 0$
 $2 \cdot y \cdot 2 \cdot \int_0^{\infty} \sin \alpha 1 = 0$
 $2 \cdot y \cdot 2 \cdot \int_0^{\infty} \sin \alpha 1 = 0$
 $2 \cdot y \cdot 2 \cdot \int_0^{\infty} \sin \alpha 1 = 0$
 $2 \cdot y \cdot 2 \cdot \int_0^{\infty} \sin \alpha 1 = 0$
 $2 \cdot y \cdot 2 \cdot \int_0^{\infty} \sin \alpha 1 = 0$
 $2 \cdot y \cdot 2 \cdot \int_0^{\infty} \sin \alpha 1 = 0$
 $2 \cdot y \cdot 2 \cdot \int_0^{\infty} \sin \alpha 1 = 0$
 $2 \cdot y \cdot 2 \cdot \int_0^{\infty} \sin \alpha 1 = 0$
 $2 \cdot y \cdot 2 \cdot \int_0^{\infty} \sin \alpha 1 = 0$
 $2 \cdot y \cdot 2 \cdot \int_0^{\infty} \sin \alpha 1 = 0$
 $2 \cdot y \cdot 2 \cdot \int_0^{\infty} \sin \alpha 1 = 0$
 $2 \cdot y \cdot 2 \cdot \int_0^{\infty} \sin \alpha 1 = 0$
 $2 \cdot y \cdot 2 \cdot \int_0^{\infty} \sin \alpha 1 = 0$
 $2 \cdot y \cdot 2 \cdot \int_0^{\infty} \sin \alpha 1 = 0$
 $2 \cdot y \cdot 2 \cdot \int_0^{\infty} \sin \alpha 1 = 0$
 $2 \cdot y \cdot 2 \cdot \int_0^{\infty} \sin \alpha 1 = 0$
 $2 \cdot y \cdot 2 \cdot \int_0^{\infty} \sin \alpha 1 = 0$
 $2 \cdot y \cdot 2 \cdot \int_0^{\infty} \sin \alpha 1 = 0$
 $2 \cdot y \cdot 2 \cdot \int_0^{\infty} \sin \alpha 1 = 0$
 $2 \cdot y \cdot 2 \cdot \int_0^{\infty} \sin \alpha 1 = 0$
 $2 \cdot y \cdot 2 \cdot \int_0^{\infty} \sin \alpha 1 = 0$
 $2 \cdot y \cdot 2 \cdot \int_0^{\infty} \sin \alpha 1 = 0$
 $2 \cdot y \cdot 2 \cdot \int_0^{\infty} \sin \alpha 1 = 0$
 $2 \cdot y \cdot 2 \cdot \int_0^{\infty} \sin \alpha 1 = 0$
 $2 \cdot y \cdot 2 \cdot \int_0^{\infty} \sin \alpha 1 = 0$
 $2 \cdot y \cdot 2 \cdot \int_0^{\infty} \sin \alpha 1 = 0$
 $2 \cdot y \cdot 2 \cdot \int_0^{\infty} \sin \alpha 1 = 0$
 $2 \cdot y \cdot 2 \cdot \int_0^{\infty} \sin \alpha 1 = 0$
 $2 \cdot y \cdot 2 \cdot \int_0^{\infty} \sin \alpha 1 = 0$
 $2 \cdot y \cdot 2 \cdot$