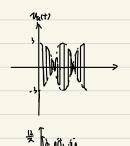
第5年: 5.3 5.3 (1) 13.正周期 VD, VB. 号通 VD, VB. 截止 ( Vin= m- u. , in= g(u1- u.) Vos =-(u1- u.) is= -g(u1- u.) no = io Re= Re(in-iz) = 2gRe (un- u). K+ 山东周期 VD VD4元 , is= g(-n1-nv 165 = R. (13-14) = - 29 Relui+40)K 20= 20z+ 165 = 2gken, (k+-k)-2gkeno(k+k) : W= 24RL (k+-k) (: k++k=)) e) Wik = 2gikilui-no)k+ 765 = -29, Rel 11, + 16) k-76-202+16気 = 29, Relui-us) kt - 29, Relui+no kt 1B. W. +115 - W. = 2/2(g, k+ - g,k) u, - 2/2(g, k++g2k) Wo VD2=11-12+12 W= 1+ 2p. (9, k+ - 9, k) M3: - (NITHZ+W) VD4 = - ( U1-12- 40 3) 以正職 VD和VA子通  $\begin{cases} u_{D_1} = u_1 + u_2 - u_0 & \text{if } = g(u_1 + u_2 - u_0) \\ v_{D_4} = -(u_1 - u_2 - u_0) & \text{if } = -g(u_1 - u_2 - u_0) \end{cases}$ Wiz= Relin-in)= 2gRelu-work 山原期 105 和 Langai ( is= g( 11,-12+16) | iz= g(-w-4-42) 安藏39-敬 10 = Pc(13-12)=-29/Pc(10+41)/ 10=100=+100 = 24/Re(u,-10) KT-24/Re/160+11.) K = 29kc(k+-k)u, - 2gRc(k++c/40

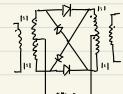
第六章: 6.1 6.3 6.8 6.13 6.15



(4) 
$$N = \frac{P_{0}}{P_{c} + P_{0}} = \frac{n^{2}}{1 + n^{2}} \frac{St_{U}}{St_{U}} = \frac{(\frac{1}{4})^{2} \times \frac{1}{2}}{1 + (\frac{1}{4})^{2} \times \frac{1}{2}} \approx 22\%$$

$$\begin{cases} K^{+}(\omega_{z}t) = \frac{1}{2} + \frac{2}{\pi}\cos\omega_{z}t - \frac{2}{3\pi}\cos3\omega_{z}t + \dots + (-1)^{n-1}\frac{2}{(2n-1)\pi}\cos(2n-1)\omega_{z}t \\ K^{-}(\omega_{z}t) = \frac{1}{2} - \frac{2}{\pi}\cos\omega_{z}t + \frac{2}{3\pi}\cos3\omega_{z}t - \dots + (-1)^{n}\frac{2}{(2n-1)\pi}\cos(2n-1)\omega_{z}t \end{cases}$$





6.73 (Lit) = Sit) con wt - Sut) sin wt
y, It) = UH) COSWE = SI(t) CUIZWE - SI(t) SMWE CASWE
= \(\frac{1}{2}\sint\) + \(\frac{1}{2}\cos2\nt\) - \(\frac{1}{2}\sint\) \(\frac{1}{2}\nt\)
Was worth = ±5.17)
Ys(t)= N(t) SinWt = Si(t) SinWt - Sit) SinWt COBWt
= 1 Sit) - 1 Sinzut - 1 Situszut
TRUER Unity= ±Sity
Well In Marile Int
1 it is attention in a common in 180
615 (1) 科三松管有: io= { go No uo>0
N <sub>p</sub> = k; - Nσ Nσ , ε, ε, ε, δ, τος τα
Cosy= lon (m为b(+) 为好入地在简次
lo= lp dig) = go(um - no) dig) = go um = =================================
B W= loR
联注得: 100 = go lun 501 p - 4004 = goko 511 p - 4004
$\Rightarrow \frac{2c}{g_0\rho_0} = \tan \varphi - c\rho$
当的和品度的大时 tonya 47 宝 (春年)
$\varphi = \sqrt{\frac{32}{50}}$
(2) K <sub>0</sub> = K <sub>11</sub> = CBIP
· 子教 以 k=1
T-Role
スタ真条件的   dinty   >   dilby
:: bit= U; (1+mas, \max t)
$\frac{d\mathbf{h}t'}{dt} = -V_{i}  \mathbf{m}  \mathcal{J}_{\text{noc}}  \sin \mathcal{J}_{\text{noc}} t$
off集-磷酸钠 t, With · V; (It madmet) casp e = PLIE的振荡性
7-koCo D/ dwy/tt, = V. Golf (1+MGS Now t)
To late 1 to 1
$\therefore \frac{V_{\text{LOSY}}}{2} ( \text{fm cosyngex t}_1\rangle \geq V_{\text{fm}} M_{\text{max}} S \text{in} M_{\text{max}} t_1$
$\Rightarrow \cos \varphi - m \sqrt{\cos^2 \varphi + \frac{1}{2} \sqrt{\log^2 \varphi}} > 0 \Rightarrow m \leq \left[1 + \left(\frac{\frac{1}{2} \sqrt{\log \varphi}}{\cos \varphi}\right)^2\right]^{\frac{1}{2}}$