第3章: 31.33.38.39	
	P <b>教的</b> 数
$ \nabla R  =  \nabla R  +  \nabla R  =  \nabla R$	$P_{\rm O}$ : 功率管输出的交流功率 $P_{\rm C}$ : 放大管的集电极损耗 $P_{\rm DC}$ : 直流电源提供给放大器的总的直流功率(采用时变偏压供电时,指的是电源提供的平均功率)
(2) (中川) 於 Boc, Ecc. lea = 2×56×5mW  新榜 Ica = 3元A (Ica A 友 不利美压器   仮戴 改憲)    Pomora = 3 (Ica) 2 R = 3 x (金) 2 x 8 = 35.16 mW	
J <sub>L=</sub> Ponax = 3,125%  (3) PL= 11*RL= 256 ~	
Pomox = \(\frac{1}{2}\) Ion/Cn = \(\frac{1}{2}\) \(\frac{2}{64}\) \(\frac{2}{2}\) \(\frac{2}{2}\) \(\frac{1}{2}\) \(\frac{1}{2	
3.3 (1) P <sub>C</sub> = \(\frac{1}{2}\)P <sub>C</sub> = \(\frac{1}{2}\)	
$\int_{Du} = \frac{V_{u}}{V_{u}} \cdot \bar{\lambda}_{u} \times 2 = 5.01 \text{ m}$ $\int_{L} = \frac{P_{u}}{P_{DU}} = 70.7 \%$	
2.8 VI. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	t t
パッ) - Vi、	
$P_{02} = \frac{-V_{01} \cdot  V_{02} }{P_{0}} = \frac{V_{01}  V_{02} }{P_{0}}$ $P_{02} = \frac{ -V_{01}  +  V_{02} }{P_{0}}^{2} = \frac{\left(\frac{V_{01}}{V_{02}}\right)^{2}}{P_{0}}$	

3. 
$$\varphi = \frac{V_1 + E_B}{V_B} = 0$$
  $\varphi = \rho \sigma^3$ 

## 附着里面引从查得

基极电流幅度: 
$$I_{BP} = G_B U_b (1 - \cos \varphi)$$

集电极电流幅度: 
$$I_{CP} = g_m U_b (1 - \cos \varphi)$$

$$Q_7$$
回路电压幅度:  $U_C = I_{\text{CP}} \alpha_1(\varphi) \cdot R_T = V_{CC} - U_{CE \min}$ 

$$c$$
 极临界饱和电压:  $U_{CE \min} = \frac{I_{CP}}{G}$ 

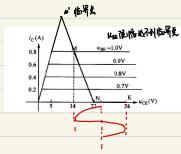
直流功率: 
$$P_{DC} = I_{CO}V_{CC}$$

输出交流功率: 
$$P_o = I_{Cl}U_c / 2 = I_{Cl}^2 R_T / 2 = U_c^2 G_T / 2$$

电源利用系数: 
$$\zeta \equiv U_c / V_{CC}$$

集电极效率: 
$$\eta_{\scriptscriptstyle C} = \frac{P_{\scriptscriptstyle o}}{P_{\scriptscriptstyle DC}} = \frac{1}{2} \frac{I_{\scriptscriptstyle CP} \, \alpha_{\scriptscriptstyle 1}(\varphi) U_{\scriptscriptstyle c}}{I_{\scriptscriptstyle CP} \, \alpha_{\scriptscriptstyle 0}(\varphi) V_{\scriptscriptstyle CC}} = \frac{1}{2} \frac{\alpha_{\scriptscriptstyle 1}(\varphi)}{\alpha_{\scriptscriptstyle 0}(\varphi)} \zeta$$





$$V_{cv} = \frac{14V + 34V}{2} = 24V$$

D 欠压状态 极好个 胸界状态的 V.= Vu -5=1PV 1= ½= 盐 题角中落 Mc = \(\frac{\d\langle(\psi)}{2\d\delta(\psi)}\) \(\frac{\phi-\sin\phi-\phi\phi\phi}{2\left(\sin\phi-\phi\phi\phi)}\) \(\frac{\phi}{2\phi}\) \(\frac{\phi}{2\ph  $\chi_{c_2}' = \chi_{c_L}(1 + \frac{1}{R_1^2})$   $\chi_i' = \chi_L(1 + \frac{1}{R_2^2})$ P-1 = P-1(1+ D-2) P' = PL(1+ B) 水杨林各件: 龙+龙+龙=D LI= WEL : jwc, = - (x, +x,) (2) Q=4 Py Q=2.408 C2= 5.2P pF L= 1.27 pl G=2.98pF