基里金段

$$U_0 = U_1 = 10V$$

$$U_0 = \sqrt{2} U_0 \approx 14.14V$$

$$P_0 = \frac{U_0 m}{2R_1} \approx V_5 W$$

$$1 = \frac{\pi}{4} \frac{U_0 m}{V_{0c}} - \frac{\pi}{4} \frac{749}{749}$$

$$P_7 = \frac{1}{R_1} \left(\frac{V_{0c} U_0 m}{\pi} - \frac{U_0 m}{4} \right) \approx 4.39 W$$

2.
$$Icm > (Iom)_{m} = \frac{Vac}{Rc} = 3.75A$$

$$Pan > (Pr)_{m} \approx 0.2 (Po)_{m} = 0.2 \frac{Vac}{2Rc} = 5.625W$$

$$U_{LBRICEO} > (U_{EC})_{m} = 2Vac = 30V$$

5-10.1. Ucz = = とVcc = よV 調节RI,使UBI,UBZ改变,UCGI,UCGZ相等 UCz = UCGZ = SV

2.
$$(P_0)_M = \frac{1}{2} \frac{(V_{00} - V_{00})^2}{R_1} = 0.5 \text{ W}$$

$$\eta = \frac{7}{4} \frac{V_{00}}{V_{00}} = 62.8\%$$

3.
$$I_{cz} = I_{c_1} = \beta \frac{\frac{i}{2}V\alpha - U_{BG}}{R_1} = 179 \text{ mA}$$

Pc = (Uce)m·Ic2 = 10V×179mA > 200 mW 两晶体管都不安全