baa. 2.b. 3.ab. 4.a ab. J. b.

2-4. U. Vx7Vy7Vz. Vyx=-0.3V.

·y对差极b. 对发射极e. Z稀电极L. Ve>Vb>VL PNP型.

2) Vy > Vx>Vz Vxz = 0.3V.

X 对差极 b. Z为发射校 e. Y为华电极 C.

VE>Vb>Ve. NPNT

2-7. 公乃能 +Vic -> -Vic. 电容対義.

107不能· RB技和Vic.发射接的产桶置。

4.7.7能. Ob极电分为Vu. 饱和状态 ①对态基拟挂电地.新以份证证 政程权与优之间加电阻及

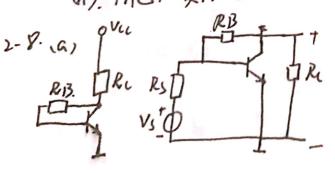
对石能 基极无确置电压, 将品拉对差极到此间

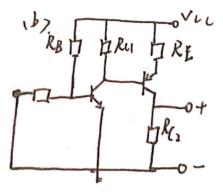
(8).可以

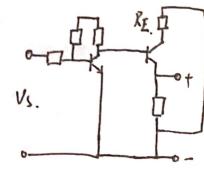
f?可以

92. 不能,对预洗到了新出为O. 在年中极加RL.

的, 补充, 交流电压通过(18.6)发播, 好入已沉进入







联系方式:

2-14.14. 1. IBQ = 40 = 10UA. RB = VII-0.7 = 1.13(M 12)  $V_{be} = V_{bb}' + (1+\beta) \cdot \frac{2bmV}{1_{EU}} = 100 + \frac{2b}{10} \times 10^{3} = 2700 \text{ R}$   $V_{be} = V_{bb}' + (1+\beta) \cdot \frac{2bmV}{1_{EU}} = 100 + \frac{2b}{10} \times 10^{3} = 2700 \text{ R}$   $V_{be} = V_{be} \cdot \frac{V_{be}}{V_{be}} = \frac{R_{L}' - R_{L} || R_{L}}{V_{be}} = \frac{R_{L}' - R_{L}}{V_{be}} = \frac{R_$ An = -112. Ri= Vi = RBIINDE = 2.7 KM Ru = R1 = 16KR). Ans = Vo = Ri - An = -83,  $\frac{1}{R_{B1}} \frac{1}{R_{E}} \frac{1}{R_{B2}} \frac{1}{R_{B1}} \frac{1}{R_{B2}} \frac{1$ VIER = - Vu+ZIR(RI+RE) = -6.75 W 2- Z(Q = -VCC-V(EU R, +RE = -2.4(m/)) VB = 1.Q. RE = -4.8(1) = RBL (-VW) : RBI = 47 KD) Replies the part of  $v_{be} = v_{bb}' + (1+\beta) \frac{3bmv}{1EQ} \approx 1.3 km$ .

Respective  $R_{i} = R_{B1} I R_{D2} I I v_{be} \approx 1.2 km$ .

And  $\frac{V_{0}}{V_{1}} = -\frac{R_{i}}{R_{i} + R_{B1}} \frac{\beta C R_{0} I R_{D2}}{V_{be}} = -35$ 

Ro=R1=3K12.

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2-161. 12-15 7夫1. An= Vo = BCRc11RN Vbe = Vbb'+(1+B) 16mb Ri = RB, 11 RB211/be ZER = VB-VBE

B介· ZE介变. Au不变. 品·榜太. 2. RET. ZEV. AUV. RITEX

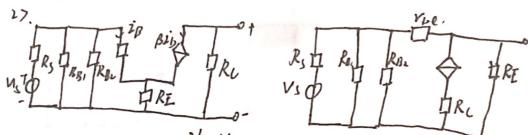
 $R_{B_{1}} = \frac{V_{C}}{R_{B_{1}} + R_{B_{2}}} R_{B_{2}} = 2.12(V).$   $R_{B_{1}} = \frac{V_{R}}{R_{E_{1}}} R_{E_{1}} = 1.42(M).$   $R_{B_{2}} = \frac{V_{R}}{R_{E_{1}}} R_{E_{1}} = 1.42(M).$   $R_{B_{2}} = \frac{V_{R}}{R_{E_{1}}} R_{E_{1}} = 1.217(R).$   $R_{B_{2}} = \frac{V_{C}}{R_{E_{1}}} R_{E_{1}} = \frac{V_{C}$ 

An = Vo = - B(R1/R) Ro = Rc = 8.2KR, Be+(1+B)RE = -174

RE=200. ZE = \(\frac{\bar{VB-U->}}{RE+RE1} = 1.18 (m/d). be = 766'+(1+B) 26mv = L+KR) AUZ Vo = -BLRLIIKU = -15.5. RET PANI V. Rit ROTO.

学号:

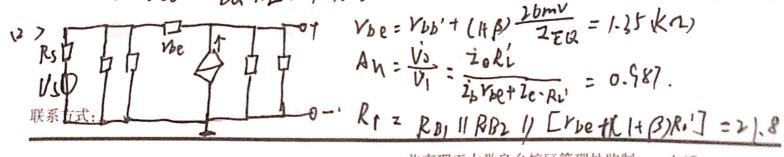
2-18; VB = VLL - RB1 = 4.3W) IEQ = VB-0.7V =1.8 m/s ≈ Z(Q. VCEQ = VIL - ZIR (Ri + RE) = 2-8 V)



Vbe = Vbb + (14B) 26mV = 1.2K-59.

$$ANJ_1 = \frac{V_{01}}{V_{S}} = \frac{-\beta R_0}{\gamma_{be+ll+\beta}} \frac{R_1}{R_1 + R_2} = -0.79$$

Ausz = 
$$\frac{\dot{V}_{oz}}{\dot{V}_{s}} = \frac{\dot{V}_{oz}}{\dot{V}_{be} + (l+\beta)RE} \frac{R_{i}+R_{s}}{R_{i}+R_{s}} = 6.797$$



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2-74.1. | 240 = BZBOR.

17 ZRC=ZBOR+HOR.

VICTURED = ZBOR+ B 180. R, DR. PRI PRI VS Be = Vbb' + (1+ B) 1E = 1.3 KP) An = Vo = -B(RL11RL1/RW) = -149. 3. Ri = Vbe 1/R1 = 1.3Km Ro= RUIR2 = 7.3 KR). Ans = Vo = Ri An = -83. 2-25-17. ZEQ & ZCQ=1mb. ZBQ B= 10Mb. VBQ = Rp, VCC = 3.5 V. LEQ = VBQ - VBEQ = 1(mb.) ·. RE= 2.8 KR) RI = VII - LVBR-VBEW) -VIEW = J. 1Ka) RB1=35 KR 71=0-1MA Z((RD,+RBL)=VLL. Z,RB)=RVB, R82=85 K2 2> An = - BRL =- 193 Ri = RB2 11 RB111 Yhe= 2-4 KS2)

联系方式: Ro: R1: 5.1 Kn)

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