	北京理工大学 ELIMO NOTITUTE OF TECHNOLOGY	के ए	金报 告		
50	课程名称:	ナー・	<u>ソープ</u>	年月_ 姓名:	日
3. 1	班 级:				
场件相比 晶体管	3. a,b 4. a,a,b				
3. 1. 1 1. 垓 2	5. b -4. A等: UxフUyフ	Uz Uyx= -0.3 V	力上及		
道,而	-` y为基极 /? A等为 PNP 否	y - 43 V	And		
绝缘	二万为基极,	PVz Vzz=0.3° Z为发射极,Y	为杂电极		
	B等为NPN于 了Ca)不能正常效	大,应将+Vac 改	为-Ver县魏吉电	差极性负接。	
色缘	(b) 福亚帝交为(c) 不能正常效力(d) 不能正常效力	人, 左在基极与	Vc·问核一个电路	<u>.</u>	
S. 1 (1)	CE) 可以正常效力	Karana (1) (1)			
缘	(1)不能正常教	大, 应私独电信(3	26mV - 27.	
2-1	4.1, 280 = Ica = RB = Vac - UBER	=1.13MD, A	Vi The	= -112	
	2	メドーゴニ	FB//The = 1.11	KSV	
	联系方式:	- Aus = -	Vo = Ri+Rs Au =	指导教师签字:	

课程名称: 实验名称:

2-15.

$$1. V_{B} = \frac{P_{B2}}{P_{B1} + P_{B2}} \cdot (-V_{cc}) = -4V$$

$$1c_{Q} = \frac{V_{B} + 0.3}{P_{E}} = -1.85 \text{ m/A}$$

$$\frac{2 \text{ ... } V_{CEB} = -4V}{-1.2 \text{ ca}} = \frac{-V_{CC} - V_{CEB}}{-V_{CEB}} = -2.4 \text{ m/s}$$

$$V_{R} = 2 \text{ ca} R_{E} = -\frac{1}{2} -4.3 \text{ V}$$

$$R_{B1} = \frac{R_{B2}}{V_B} - R_{B2} = 47 k \Omega$$

R: = RB1 // PB2 // Noe

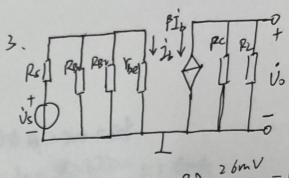
: LED & UB- UBE

CA TAK BORNANDA

的若偏大胜,则距藏小,的从Anx成小则下摘大

联系方式:

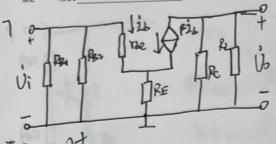
指导教师签字:_



$$Y_{be} = Y_{bb'} + CI + B) \cdot \frac{26mV}{1EB} = 1.3 \text{ Ks}$$

 $P_i = P_{B1} // P_{B2} // Y_{be} = 1.2 \text{ K.s.}$

课程名称:



件相出

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$$Ri = \frac{Vi}{2i} = \frac{R_{EI} / R_{E2} / [Lorise + Cl+B]}{2i} R_{EJ} = \frac{1.6 \text{ } R_{EJ}}{2i}$$

$$Au = \frac{Vi}{Vi} = -\frac{\beta CRU / Rc}{Ybe + Cl+B) RE} = -174$$

$$Ro = Rc = 8.2 \text{ } R_{IJ}$$

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$$\frac{2-18 \text{ CI}) \text{ } V_{B} = \frac{R_{BV}V_{CL}}{R_{BI} + R_{BV}} = 4.3V}{1_{EQ} = \frac{V_{B} - 0.7V}{R_{E}} = 1.8m_{A} \approx 1_{CQ}$$

(2)
$$r_{ie} = r_{ibb'} + c_{i} + r_{j}$$
. $r_{ie} = r_{ibb'} + c_{i} + r_{j}$. $r_{ie} = r_{ibb'} + c_{i} + r_{j}$. $r_{ie} = r_{ie} + c_{i} + r_{j}$. $r_{ie} = r_{ie} + c_{i} + r_{j}$. $r_{ie} = r_{i} + r_{i}$. $r_{ie} = r_{ie} + r_{i}$. $r_{ie} = r_{i} + r_{i}$. $r_{ie} = r_{ie} + r_{i}$. $r_{ie} = r_{ie} + r_{i}$.

$$\begin{array}{c} (2) \stackrel{?}{=} R_{E} = 200 \text{ s. HJ}. \\ V_{B} = \frac{P_{BV} V_{CC}}{P_{BV} + P_{BV}} = 2.12 \text{ V} \\ V_{B} = \frac{P_{BV} V_{CC}}{P_{BV} + P_{BV}} = 2.12 \text{ V} \\ V_{B} = \frac{V_{B} - 0.7 \text{ V}}{P_{B} + P_{BV}} = 1.42 \text{ mA} \\ V_{B} = \frac{V_{B} - 0.7 \text{ V}}{P_{B} + P_{BV}} = 1.42 \text{ mA} \\ V_{B} = \frac{V_{B} - 0.7 \text{ V}}{P_{B} + P_{BV}} = 1.42 \text{ mA} \\ V_{B} = \frac{V_{B} - 0.7 \text{ V}}{P_{B} + P_{BV}} = 1.217 \text{ k.s.} \\ V_{B} = \frac{V_{B} - 0.7 \text{ V}}{P_{B} + P_{BV}} = 1.217 \text{ k.s.} \\ V_{B} = \frac{V_{B} - 0.7 \text{ V}}{P_{B} + P_{BV}} = 1.217 \text{ k.s.} \\ V_{B} = \frac{V_{B} - 0.7 \text{ V}}{P_{B} + P_{B}} = 1.63 \text{ k.s.} \\ V_{B} = \frac{V_{B} - 0.7 \text{ V}}{P_{B} + P_{B}} = 1.63 \text{ k.s.} \\ V_{B} = \frac{V_{B} - 0.7 \text{ V}}{P_{B} + P_{B}} = 1.63 \text{ k.s.} \\ V_{B} = \frac{V_{B} - 0.7 \text{ V}}{P_{B} + P_{B}} = 1.63 \text{ k.s.} \\ V_{B} = \frac{V_{B} - 0.7 \text{ V}}{P_{B} + P_{B}} = 1.63 \text{ k.s.} \\ V_{B} = \frac{V_{B} - 0.7 \text{ V}}{P_{B} + P_{B}} = 1.63 \text{ k.s.} \\ V_{B} = \frac{V_{B} - 0.7 \text{ V}}{P_{B} + P_{B}} = 1.63 \text{ k.s.} \\ V_{B} = \frac{V_{B} - 0.7 \text{ V}}{P_{B} + P_{B}} = 1.63 \text{ k.s.} \\ V_{B} = \frac{V_{B} - 0.7 \text{ V}}{P_{B} + P_{B}} = 1.63 \text{ k.s.} \\ V_{B} = \frac{V_{B} - 0.7 \text{ V}}{P_{B} + P_{B}} = 1.63 \text{ k.s.} \\ V_{B} = \frac{V_{B} - 0.7 \text{ V}}{P_{B} + P_{B}} = 1.63 \text{ k.s.} \\ V_{B} = \frac{V_{B} - 0.7 \text{ V}}{P_{B} + P_{B}} = 1.63 \text{ k.s.} \\ V_{B} = \frac{V_{B} - 0.7 \text{ V}}{P_{B} + P_{B}} = 1.63 \text{ k.s.} \\ V_{B} = \frac{V_{B} - 0.7 \text{ V}}{P_{B} + P_{B}} = 1.63 \text{ k.s.} \\ V_{B} = \frac{V_{B} - 0.7 \text{ V}}{P_{B} + P_{B}} = 1.63 \text{ k.s.} \\ V_{B} = \frac{V_{B} - 0.7 \text{ V}}{P_{B} + P_{B}} = 1.63 \text{ k.s.} \\ V_{B} = \frac{V_{B} - 0.7 \text{ V}}{P_{B} + P_{B}} = 1.63 \text{ k.s.} \\ V_{B} = \frac{V_{B} - 0.7 \text{ V}}{P_{B} + P_{B}} = 1.63 \text{ k.s.} \\ V_{B} = \frac{V_{B} - 0.7 \text{ V}}{P_{B} + P_{B}} = 1.63 \text{ k.s.} \\ V_{B} = \frac{V_{B} - 0.7 \text{ V}}{P_{B} + P_{B}} = 1.63 \text{ k.s.} \\ V_{B} = \frac{V_{B} - 0.7 \text{ V}}{P_{B} + P_{B}} = 1.23 \text{ k.s.} \\ V_{B} = \frac{V_{B} - 0.7 \text{ V}}{P_{B} + P_{B}} = 1.23 \text{ k.s.} \\ V_{B} = \frac{V_{B} - 0.7 \text{ V}}{P_{B} + P_{B}} = 1.23 \text{ k.s.} \\ V_{B} = \frac{V_{B} - 0.7 \text{ V}}{P_{B}} = 1.23 \text{ k.s.} \\ V_{B} = \frac{V_{B} - 0.7 \text{ V}}{P_{B$$

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教学班级: 102EQ = VBU-U7V = 2.15mA 200 = B 2E0221md VCER= VCC- ZERRE =7.7V Yhe=Yhy'+ CItB) $\frac{26mV}{2Ea}$ = 1.35ks.

PRE TRI Us $\frac{\dot{V}_0}{\dot{V}_1} = \frac{\dot{I}_0 P_L'}{\dot{V}_0} = \frac{\dot{C}_1 P_0 P_L'}{\dot{V}_0} = 0.987$ Ri = PB1 // PB2 // [Ybe + CI+ B) Pci] = 21. R. 2 R= RE/1- ne+ PRS// PRI // RB1 = 23 s Fe | Ica = β Isa Rc = Isa + Ica $Vcc - VcEQ = Isa + <math>\beta$ Isa Rc Isa = VcEa - VsEA Isa = VcEa - VsEAR1 = R1 = 62Ks (3) Pi=The//Pi=1.3KS Ro= Pc//R2 = 7.3Ks $Aws = \frac{V_0}{V_S} = \frac{Ri}{Ri+R_S} Awz - 83$ 联系方式: $\frac{V_0}{V_S} = \frac{Ri}{Ri+R_S} Awz - 83$ 指导教师签字:

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实验日期:_____年_ 实验名称: 课程名称: 名: 姓 号: 教学班级: 级:

绝

$$I_{EQ} = \frac{V_{EQ} - V_{REQ}}{R_E} = \frac{2.8V}{R_E} = I_{mA}$$

$$R_E = 2.8 \text{ k.s.} \quad R_C = \frac{V_{CC} - CV_{BQ} - V_{REQ}}{2c_Q} = 5.2 \text{ k.s.}$$

$$2.2 = 0.1 \text{ mA}, \quad I_{CC} R_{B1} + R_{B2} = V_{CC}$$

$$RE = 2.8 \text{ K.s.} \quad Rc = \frac{\text{Vcc-CVE}}{\text{CVc}}$$

$$\therefore 2_1 = 0.1 \text{ mA}, \quad 2_1 \text{ CR} + \text{Res} = \frac{\text{Vcc}}{\text{CR}} + \text{Res} = \frac{\text{Vel}}{\text{CR}} + \frac{\text{Res}}{\text{CR}} = \frac{\text{Vel}}{\text{CR}} + \frac{\text{Res}}{\text{CR}} = \frac{\text{Vel}}{\text{CR}} + \frac{\text{Res}}{\text{CR}} = \frac{\text{Vel}}{\text{CR}} + \frac{\text{CR}}{\text{CR}} + \frac{\text{CR}}{\text{CR}} = \frac{\text{Vel}}{\text{CR}} + \frac{\text{CR}}{\text{CR}} + \frac{\text{CR}}{\text{CR}} = \frac{\text{CR}}{\text{CR}} + \frac{\text{CR}}{\text{CR}} = \frac{\text{CR}}{\text{CR}} + \frac{\text{CR}}{\text{CR}} = \frac{\text{CR}}{\text{CR}} + \frac{\text{CR}}{\text{CR}} + \frac{\text{CR}}{\text{CR}} = \frac{\text{CR}}{\text{CR}} + \frac{\text{CR}}{\text{CR}} = \frac{\text{CR}}{\text{CR}} + \frac{\text{CR}}{\text{CR}} = \frac{\text{CR}}{\text{CR}} + \frac{\text{CR}$$

