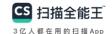


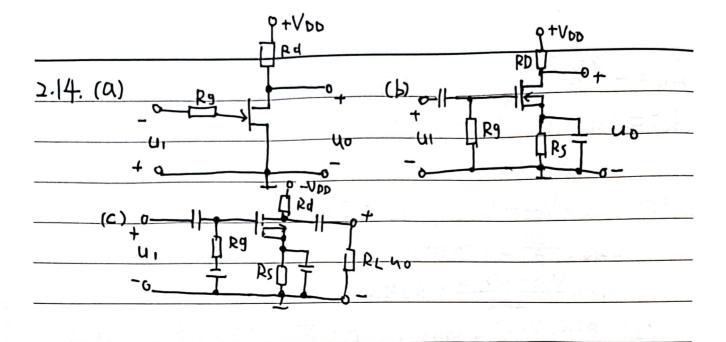
2.5. UBEQ = 0.7V , UCEQ = 4V , IBQ = 20MA, DRODRL UO Uo = Bib (Rc//RL) = B(Rc//RL) = 80 x 2.5 = -200 Ri= Rb//rbe ≈ IKI , Ro=Rc=5KI Us = Ui - roo = 60 mV 八(1)×(2)×(3)×(4) / (5)×(6)×(7)×(8)/ راً) کر راه کر داا) کر دارا کر RL=∞ Bt UBEQ = 0.7V IBQ = VCC-UBEQ - UBEQ = 0.022 mA Ica = β IBQ = 1.76 mA UCEQ = VCC-ICQ·RC = 6.2V :Q点 UCE=6.2V, Ic = 1.76mA Uo = - Bib·Rc , 其中「be 2 「bb'+ 月 Ica = 1282 Ω : Un =-312, Ri=1282 Q, Ro=5k Q RL= 3KQBt. UBEQ = 0.7v, IBQ = 0.022mA, IcQ = 1.76mA Ucra=15.=-Ica. (Rc//RL)=2.3V 八Q点在Ic=1.76mA, Uce=2.3V处

 $\dot{A}_u = -\frac{\beta \dot{I}_b \left(Rc // RL \right)}{\dot{I}_b \cdot D_{ee}} = -117$ Ri=12820 . Ro=5KD 29(1) Ica = (Vcc - UcEQ) · Pr = 2 mA $I_{BQ} = \frac{I_{CQ}}{B} = 0.01 \text{ mA}$ Rb = Vac - UBEQ = 565KIL (2) $\beta(Rc/RL) = 220$, $\frac{1}{5} + \frac{1}{Rc} = \frac{1}{2.2}$, $Rc = 3.9 k\Omega$ 2.1/(1) I1>> IBQ, UBQ ~ Rb1+Rb2. VCC = 2V IEQ = UBQ-UBEQ = IMA, IBQ = IFB & O.O.IMA UCEQ = Vcc-IcaRc-IEQ(R++Re) & 5.7v · Q点在 Uc==5.7v. Ic=1mA处 The= Ybb' + B UT = 2.7ks.

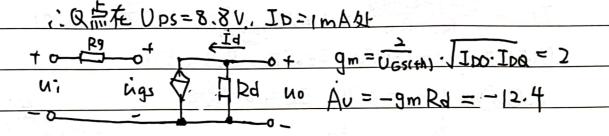
TRO [P.U.]

Au = B(Rc//RL) = -7.6 Ri = Rbill Rbz// (rbe+(HB)Rf) -3.7ks Ro= Rc=5ka (2) IEQ = IEQ = 1 mA, IBQ = IEQ = 0.005 mA UCER=Vcc-Ica Rc-Ifo [A+Re] & r.71 Q点 UCE不变. Is受为 (3) Au = - B(Rc//PL) + be+(1+B)(R++R0), Ri=RMI/Rbz//(rbe+CHB)(Pf+Re)),受大

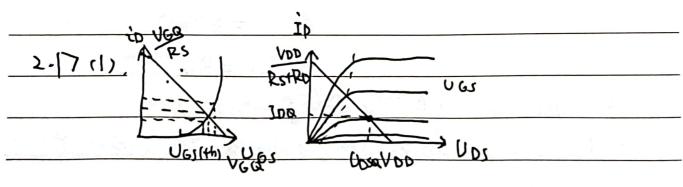




2-16.11) UGSQ=VGG=3V, IDO=4MA, UGS(+h)=2V IDQ=IDO(UGS(+h)-1)2=1MA, UDSQ=VDD-IDQ.Rd=8.8V



 $(z) \dot{A}_0 \rightarrow -15, g_m = \sqrt{41p_0} = \frac{15}{62}, I_{DQ} \approx 1.46 \text{ mA}$ $UGSQ = \left(\begin{array}{c} \boxed{1p_0} \\ \boxed{1p_0} \end{array} \right), U_{GS}(th) = 3.2 | V$ $UGSQ = \left(\begin{array}{c} \boxed{1p_0} \\ \boxed{1p_0} \end{array} \right), U_{GS}(th) = 3.2 | V$



•		
(2) Au = - gm (Rp// RL)	√a↑	A STATE STATE OF THE STATE OF T
3m= Desith JIDG (UG	SQ _1)2	
可性+Rd/Pi Nt	sith) '	·····································
Ri=R3+(R1/1R2), oft	T KI KI KI	
		Part of the second
1-18.(a) 773	. (to the state of th
(b) 不ff		
(c) TTINPN both	La La Tierly	Eledall : water
	e	
(d) K=7	1	to divide deposit the
(4)	e	
(e) 不迂	*	mod pitalica i
(f) 1J. PNP, book	7	Ka'
a ferina de la companya de la compan	pc 12	Strainer Train
19) FJ. NPN, 60-KI	C	
and the training of the contract of	, e	
	· e	<u> </u>
	PROME LINE	
Egion Property		
		×
	ſ	