





Vcc = IBO Rb + (1+B) lea Re + UBEO 2.12 (1)静志时 33 180 = Vcc - UBED = 37.86 14 32.28 MA Ice = 13 180 = 2.58 mg Ucea = Ucc - (1+13) 280 Pe = 7-14 V (2) RL = 00 Àu = 0 (1+13) Re 4 0-1918e 4 0.196 Ri = Rb //[Ybe + Cl+ P) Re] = 110 Kx An = (1+B) (Fo 1/RL) ~ 0.992 Yhe + (1+B) (kel/KL) KL= 3 KN R: = Rb 1/ [Ybe + (+ B) (Re 1/RL)] = 76 km Ica = B200 2 1-86 6 mA UCER & UCC - ZER (RC+Re) = 4.56 V 70 %. At Au = - B(Rc 1/RL) = - 16 Vne = Vol + 1/8 Ica ₹ 939 ~ Ri = Rb1/ Yee = 939 x Ro = Rc = 3 Kn (2) Wi Year Ui = Us Ri=3.2mV Uo = |Aul Ui = 307 mV

(3 A & Au = - B(Rc1/RL) = 1.45 Ui = Ri Us & 9.6 mV Uo = |Aul Ui = 1/4 /mV

(3 A & Ri Vi & Au = - 1/4 /mV

(4 Au = - 1/4 /mV)

(5 A & Ri Vi & 9.6 mV Uo = |Aul Ui = 1/4 /mV)



