3) PART 1 B= 320 m/4 , ASSUME VITAL = 200mV, VA= 2.5V, F1411: Inil/2 = \$ ( w) Vox (1 + Vos) Ad = - g .. 20 ITAL = 348 MA Ros Rallto To = VA R=0.7 V(Frank) => R=4.02 KSR T= 14.37 KSR Ro=3.143 LA Sm= JZ/ITAL BY 9m=1.49m8 AJ=-4.68% F14. 12: \* ASSUME VOLTAGE ACROSS RS IS SOMV (TO MODER TRANSISTOR IN TRICOR) Vov=ZOOmV ITAIL /2 = B(W), Vor (1+ VOS) Vos = 975 mV ITAIL = 355MA Rs = SONV/ITAN PL= 775mV => RL= 4:366 K.RL Rs: 140.85-2 To= VA/27AN/2) => To= 14.08 K.D. 9m=J2(=an) B= Ro=B.332 x sl 9= 1.51mg | Ad=-5.031/