

2f 12 M 2lez v2 921f = Rf//Rz = 42.852 927 f = V2 / 12 V1=0 No fa: En DC no hay efectos de carga

Jeal = 1883 - 18E

Res + les

Br | 182 | 183 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | $I_{cos} = 1.5 - 0.7 - 13.6 m A$ $\frac{875}{100} + 50$ VBB2 = VCCR3 _ 2(V) RB2 = R31/R4 = \$.6K.12 Icaz = VBB2 - VBE RGZ + REZ Icaz = 2-0.7 - 19.6mA $\frac{2}{1} = \frac{\beta_{T} 26_{m} V}{1_{CO}} = \frac{191.2}{52}$ $* \Pi_2 = \beta_{\frac{1}{2}} \frac{26mV}{1602} = 132.6 Jz$

```
A = 10, Af = A , Zing Pin ; Zouf = Roul (1+BA)
 60
                                                           30,
                                                            600
  (0 = Bib2 Pc2 100 (500) ib2 - 45.45 ib2
  (b2 = - Bibs (Rc+1/RB2) = - (100) (436.4) ibs = - 9 ibs (Rc3 1/RB2) + YTI2 + Bg22f = 436.4 + 132.6+ (100) 428) =
 =P (0=-9 (45.45) (bs = -409.05 ibs
  (b) = is (RB) 11 /9 ... f) ... is (250) ... 0.046 is (RB) 11 /9 ... f) + (TT) + BT PE, 250 + 191.2 + (100 + 50)
=> (0 = -409.05 (0.046) is => A = 10 - -18.8
Af = A - 18.8 - - 5.09
1+BA 1+ (-0.43) (-18.8)
Rin = ( +113 + Bles ) 11 1/94 11 RB; = 238.5 s
Rout = Rill Rc2 = 2727 2
Zinf= lin = 222202 238.50 = 64.6602.
Zoulf = Poul (1+BA) = 272.7 (1+(-0.143)(-18.8)) = 1.003KJ
```