

```
360
 (2)
                                                                                                                                                                                                  B= BV+B5 = C0+10 = 8.234/<\B
: lnov conor
                                                                                                                                                                                                   V_{BB} = V_{CC} \cdot \frac{R^2}{R_1 + R_2} = 20 \cdot \frac{10}{70} = 2.95 + V
                                                                                                                                                                                                 VBB = IBORB + VBE + IEORE
                                                                                                                                                                                                 2.957 = IB.8.571 + O.7+ IB.101.0.8
                                                                                                                                                                                                   2.175 = 89.551 IB
                                                                                                                                                                                                                             120 = 0.024 mA
                                                      TC = BO IB : Manny manner (180) 1800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800 11800
                                                                                                                                                                          IC = 2.4mA IC = 100-0.024 F
                                                                                                                                                               IE = 3 C + IB = 2,4 + 0,024 = 2.424
                                                                                                                           Vac = 3c.RC + Vce+ 3e.RE
- 67392
20 = 2.M.2+Vce+ 2,424.0.9
                                                                                                                                                                                                                                                                           Vc∈ = 13.26V €
                                                      010 8916 NO=01V ROPES STON 1704 AO = BZ , AO=0Z
                                                    15 = 0.0.5 + VCE Span Vcc = IC. RC + VCE JUN
                                                                                                     011 V Vo= 30 - Vaga O 715 1960 N 315.
      IB = 2.86mA: 15 = IB.5/+0.7 & Vin=IB.RB+VRE & Vin=151 1101
                                                                                                     TC= IB. B 1722 TCA TOD NO 2017 60 27 CD NU
                                                                                                                                                                                                               IC = 228.8 mA = IC = 80.2.86
 THE RC & DAWNO THO 15 = 228.8-0.5x +VEE VCE ICORC + VCE
                                       1. 20=28-B - Du 10 Du 100 Du 1
(218 1 NOUS) 1216 0 DED VOUT=02V MIS VCE=VCESAT = 0.2V SIC
                                                                                                                                                             1 NOT 1000 FORD 1300 NOTION =
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