laso 1 T1=30% T2 = 70% T=TITTZ = Pened Total $F = \frac{1}{T} = \frac{1}{(T_1 + T_2)}$ ナニー $T_1 = 0.693 (R_1 + R_2)C_1$ T22 0.693 \$ \$ 12 x C1 F=1KHZ/ $T = \frac{1}{1 \times 10^3} = 1 \times 10^3 \text{ s}$ T1=30% $T=1\times16^3 S-100\%$

 $T_1 = 3 \times 10^{-4} \text{ g}$ $T = 1 \times 10^{-3} \text{ g} - 100\%$ - 70% T2=7x104 8x

Con un Capacitor 1 C1=100 nF

Para Ti TI=3×1048=0.693(Ri+Rz)(1000F) T2=7×1545 = 0.693 * R2 * (100nF) $R_2 = \frac{7 \times 10^{-4} \text{ g}}{0.693 (1000 \text{ F})} = 10,101.0101 \text{ G}$

Normalizanzo Rz Remenor=10 KSR Rz mayor= 11 Ks

72=0-693×(10K2)+(100nF)=6.93×10-4,8 le monor Diference = 7 x10 48 - 6-93 x10 48 = 7 x16 8 T= 7×104 8 - 100% Tzme=7406 X=1 % Rzmayor 72=0.693(11K2) >(100nF)=7.623×10-4 & Differencial = 7×10-48-7-623×1048=6-23×105 Tz=7x1048 -100% x=8.9% Tz=6.23 x165-X Por la tembe ternemos Rz mener= 10 KSZ T1=3×1048=0.693(R1+R2)C1 R1 = 341048 - 10K2=-5,670,99 SZ 0-6B (100nF) No moderando Di

Rimono: =5.6 & Kal Remajor = 6.2 Krz

Con Rimenor = 5.6 Kg

T1=0.693(Litle)C1

T1=0.693(5.6 K2)+(10K2))(100 X109 F) 7.08700 X10 97) = 3.0492X10-4

Diferencia = 321048-1.0810×163 7.812104 8

> TI=3×164 8 -100% TI=7.81×104 X

Deference = -4-90 X10

JAN dige horum ST

Pyrospice 612 RC

A THOUGHT MINK TO THE TANK THE

Low-Land Crains at Atomic

(10-21) 4 DE 4 (40.0) = 8 15 12

1010-16101 = --- <u>1-1-18</u>

18/03/2022

Ti = 49.5 % T2= 50.5%

1. f = 3.5 KHz c=3.6xf

T= 1 = 2.85x104 N

171=0,693(R1+R2)C1=

T2= 0-693 (n2) C1 = 50.5%

T=2.85×1045-100%

T, =1.4142x104 5 T=2.85×104 8-100%

RMenor = 56 2

2, may 01 = 62-12

72 = 0.693 (56) (3.6 X/56)

T2=1.397 X104 31 Diferencia = 4.22 X10 6 5

1.4392×104-100%

4.22×10 6 - X

x= 2.9321 %

T2=0.693(62)(3.6×106)=1.54(7×104)

Diference 4- 1.8467×164=1.67576×105

1.4392×105 - X

Usamos Remenor parque & folerancia es

Calculando TI

TI= 0.693(RI+RZ)(1

0.693 (3.(No6) R1=1.4142×104

R1=0.685 12

Rimenor = 0.68.2

 $R_2 = \frac{1.4392 \times 10^{-4} \text{ s}}{0.693 (3.6 \times 10^{-6})} = 57.68 2 (3.6 \times 10^{-6})$ $R_{10} = \frac{1.4392 \times 10^{-4} \text{ s}}{0.693 (3.6 \times 10^{-6})} = 57.68 2 (3.6 \times 10^{-6})$ TI =0.693(0.68+562)(3.64f)

Deferencia: 1.41427.104-1.4140×104 7121.4140410

= 2810-8 8

TI=1.4142×104 ____ /00%

X=0.0141%

con Rimayor = 0.82-2

T,=0.69310.82+562)(3.6×106)

TI=1-4175 X10-4

Diference = 1-4142×104-1.4175×104

= -3.3×10-7 (Se use R)

To 10 = 0.2304 % Holeranous es menor