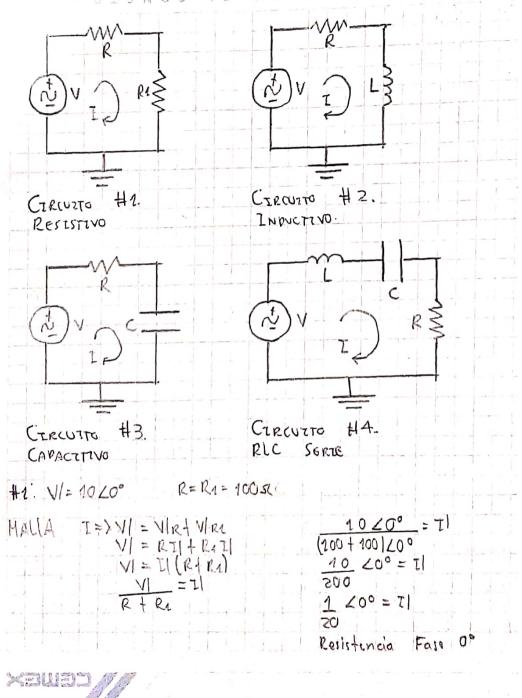
LABORATORZO 3 AC', "FASORES". V/=1020° R=100 R = 100 MH C=100 F MALLA I => Y = YL + Vc + VR LdIt15Idt + IR= 3 d21 + E d1 + 1 I = dy Mb3 = 1 => Mo= 1 => Mo= 1 (100×10-6)(10×10-9) => Wo = 1000000 Wo = 711F => F = (1000000) = 159154.9431 Hz $T = \frac{1}{159154.9431} = T = 6.78 \times 10^{-6}$ Fi = E => fi =159154.9431 => fi=15915.49431 Hz $T_2 = \frac{1}{61} \Rightarrow T_1 = \frac{1}{15915.49431} \Rightarrow T_1 = 62.8 \times 10^{-6} \text{ s}$ 1 Calcule la cornentes esperadas en pasores Calcule el voltaje de salida en favorer

FIRTEGRALES PARA EL CONSTRI



```
3
Hz: VI=1020°
                        R = 1005
                                         L = 100MH
MALLA I=> VI= VIR+VIL
                                                 \frac{40}{120000} \begin{array}{c} 2 & 45^{\circ} = I \\ \hline 120000 & -45^{\circ} \end{array} = \frac{10}{1200000} \begin{array}{c} -45^{\circ} \\ \hline \end{array}
                  = tan-1 (1000 coo) (100 ×10-6) = 450
100PY(9-01x00x)(000000) = 51x <= 117mC=51x
                                             C=10nF
#3.VI=10 LO°
                         R=1005
MULA
           7=> VI=VIRTVIC
                  VI = RTI + -JI
                                                i = 10 (0(1000000 +450)
                                                              51 = 150000
                                            (1000000)(10×10-9
XELLET
```

VI=10 LOG R=10052 HMODI=1 C= 10nF MALLA I = X VI= VIL + VIC + VIR 10/0°=1 200 L0° 200 = 71 10 = 1 (cs(1000000 (10°) JWL 1 cal (1000000) WC = 100 + J (1000000) (100 × 10-6) + Rtjult=i=100 + j100 - j100 = 100 MC