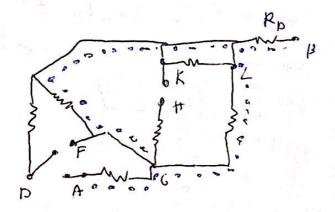
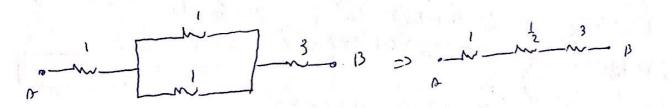
1

Rth

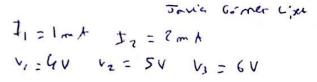


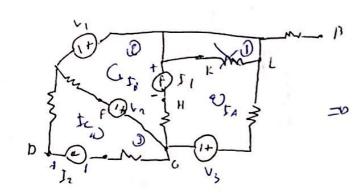
PEIKA PD=3KA



PTh - 4 '5 K SR

Pors la Corriente continua hay que destacon que los condensadors oncheon como cincuitos abientos, la bobinos como contocuncuitos.





TO Podemos dovin la residence de K-L
puesto que sea en parallelo a ca
coble

 $\frac{holb}{E_{1}-V_{3}} = f_{A} \cdot (R+R) + E_{13}R$ $\frac{holb}{E_{1}-V_{1}+V_{2}} = \frac{1}{I_{B}} \cdot (R+R) + F_{13}R$ $\frac{holb}{E_{1}-V_{1}+V_{2}} = \frac{1}{I_{B}} \cdot (R+R) + F_{13}R$ $\frac{holb}{E_{2}+V_{2}} = \frac{1}{I_{C}} \cdot (R+R+R) + \frac{I_{B}R}{I_{B}}$

In sign to E_1, E_2, I_A, I_D, I_C observants el circuitos temenoros

que $f_C : I_2 : 2mA$ que $f_A : I_A + I_D$ $f_A : I_C = I_C$

$$\xi_1 - 6 = (1 - 56) \cdot 2 + 50$$

 $\xi_1 + 1 = 2 + 6 + 56$
 $\xi_2 + 5 = 6 + 56$

 $\begin{cases}
\xi_{1} = 2(1-E_{13}) + E_{10} \\
\xi_{1} = 2E_{13} + (1-E_{13}) - 1
\end{cases}
\begin{cases}
\xi_{1} = 2E_{13} + (1-E_{13}) - 1
\end{cases}
\begin{cases}
\xi_{1} = 2 \cdot (1-o'_{13}) + f_{0'_{13}} \\
\xi_{2} = 1'_{2} \cdot v
\end{cases}
\begin{cases}
\xi_{1} = 2 \cdot (1-o'_{2}) + f_{0'_{13}} \\
\xi_{2} = (+o'_{13} - S - 1'_{2}) \cdot v
\end{cases}
\end{cases}
\begin{cases}
\xi_{1} = 2 \cdot (1-o'_{2}) + f_{0'_{13}} \\
\xi_{2} = (+o'_{13} - S - 1'_{2}) \cdot v
\end{cases}
\end{cases}$ $\begin{cases}
\xi_{1} = 1'_{2} \cdot v
\end{cases}
\begin{cases}
\xi_{2} = 1'_{2} \cdot v
\end{cases}
\end{cases}
\begin{cases}
\xi_{1} = 1'_{2} \cdot v
\end{cases}
\end{cases}
\end{cases}
\end{cases}
\end{cases}
\end{cases}$

FEO VA = VO = Ez; VA = 1 (5 V

observants que hay in coto circuito abierto y por tanto no padimo alcum le VIII por el cornino sombresol.

Tomarmo il comin que indicomos abovo:



b) Potenio de II, ta, VI, V2

p=V. T=E1. E1=1'5.1=1'5 mw

Preesto que la intensidor lo de mem a mayor
potercial, sueminente potercia

 L_2

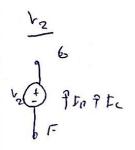
P=V. I = Ez. tz = 1'5.2=3 m V

pueto que la intensidad co de mem a mongre
potencial, suministra potencia.

1 + 10

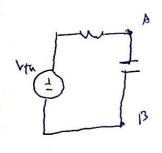
P=V.T=V, .fi3 = 4.015 = 2 mW

Como la intensital vo de mayor o menor portence,
la fuente consume potención.

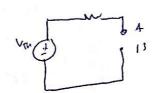


f-tot to P=V.f=4. (Listc) = 5. (015+2?=1215 w ruesto que la intensibile va de mens a mais, la fluente suministra potencia.

c)



E el condensador extor cargost, se comporta como



T= 0 A VA - V3 = I · A
VA - V1 = 0 V

$$C = 17^{2}$$

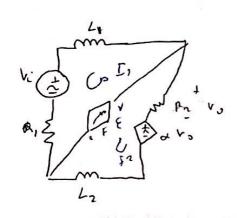
$$C = \frac{\alpha}{\rho V}, \quad \alpha = C \cdot \Delta V = 1.0 = 0 \text{ Guelanties}$$

$$Q = 0 \text{ (ellenties)}$$

 $V_{A} - V_{13} = E_{2} + f_{C}R + (f_{C} + f_{13})R + V_{2} + (f_{13} + f_{4})R + E_{1} + f_{A}R$ $V_{A} - V_{13} = I'S + 2 \cdot I' + (2 + 0'S) \cdot R + S + (0'S + 0'S) \cdot R + I'S + I'S + O'S \cdot I$

301. Prn = 4'5 KSR Vyh = 14V In = 14 - 3'1m A

2.



Vo: Joson de DU en Pe Vi: Don DV en Vi

Haceros mollas.

(HV = 12. (55) (20)

(VIhi= 12). (10.000 + olors, w) - 17. (

C(11 Vi) ·
$$(2p_1 + 2l_1) - p_1 \cdot (2p_1 + 2l_1) - p_2 \cdot (2p_1 + 2l_2) = 10v_0 - v_i$$

$$f_2 \cdot (-2p_1 - 2l_1 - 2p_2 - 2l_1) = 10v_0 - v_i - (11v_i) \cdot (2p_1 + 2v_1)$$

$$f_2 - \frac{10v_0 - v_i - (11v_i) \cdot (10000 + 0^1013)}{(-10000 - 0^0013)i_0 - 5^05 - 1^02 \cdot v_i)}$$

C)
$$\overline{p(t)} = \frac{b_0 \, t_0}{2} \cdot cos \, (a_0 - d_0)$$

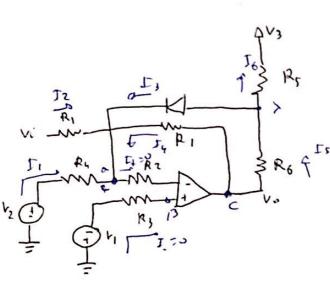
En une bosino sabernos que el voltge que coe en seus extremos

y la contensional que la recorre trambién estron des parados $\frac{17}{2} \cdot Lsc_1$
 $dv - dc = \frac{17}{2} \quad P(t) = \frac{v_0 \, \Gamma_0}{2} \cdot cos \, (\frac{17}{2}) = 0$

Así, la bosina cira volonimistrono y con sumuemo postercia al carcuito

all-ermonent.





$$AV_3$$
 $V_1 = 10 V V_2 = 11 V$
 R_5 $R_7 = 12 V R_1 = 5 K R$
 $R_2 = 6 K R R_3 = 7 K R$
 $R_4 = 8 K R R_5 = 9 K R$
 $R_6 = 6 K R R_5 = 9 K R$

a) Mookel lined ideal

$$\frac{\text{Nun's c}}{\Gamma_1 + \Gamma_2 + \Gamma_3 + \Gamma_4 = 0}$$

$$\frac{\text{Nun's c}}{\Gamma_{40} = \Gamma_4 + \Gamma_5 = \frac{\text{Vo - VA}}{\text{RI}} + \frac{\text{Vo - V}}{\text{RG}}$$

$$\begin{array}{c}
Nul \\
\Gamma_{S} = \Gamma_{c} \\
V_{O} - V_{+} \\
\hline
R_{C}
\end{array}$$