$\frac{1}{2} = \begin{bmatrix} \frac{1}{2} & \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} & \frac{1}{2} \end{bmatrix}$ $\frac{1}{2} = \begin{bmatrix} \frac{1}{2} & \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} & \frac{1}{2} \end{bmatrix}$ $\frac{1}{2} = \begin{bmatrix} \frac{1}{2} & \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} & \frac{1}{2} \end{bmatrix}$ $\frac{1}{2} = \begin{bmatrix} \frac{1}{2} & \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} & \frac{1}{2} \end{bmatrix}$ $\frac{1}{2} = \begin{bmatrix} \frac{1}{2} & \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} & \frac{1}{2} \end{bmatrix}$ $\frac{1}{2} = \begin{bmatrix} \frac{1}{2} & \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} & \frac{1}{2} \end{bmatrix}$ $\frac{1}{2} = \begin{bmatrix} \frac{1}{2} & \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} & \frac{1}{2} \end{bmatrix}$ $\frac{1}{2} = \begin{bmatrix} \frac{1}{2} & \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} & \frac{1}{2} \end{bmatrix}$ $\frac{1}{2} = \begin{bmatrix} \frac{1}{2} & \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} & \frac{1}{2} \end{bmatrix}$ $\frac{1}{2} = \begin{bmatrix} \frac{1}{2} & \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} & \frac{1}{2} \end{bmatrix}$ $\frac{1}{2} = \begin{bmatrix} \frac{1}{2} & \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} & \frac{1}{2} \end{bmatrix}$ $\frac{1}{2} = \begin{bmatrix} \frac{1}{2} & \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} & \frac{1}{2} \end{bmatrix}$ $\frac{1}{2} = \begin{bmatrix} \frac{1}{2} & \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} & \frac{1}{2} \end{bmatrix}$ $\frac{1}{2} = \begin{bmatrix} \frac{1}{2} & \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} & \frac{1}{2} \end{bmatrix}$ Zn = 1/2 / Iz = 0 = 0 In = 0 = 0 Z indept = - Iz / = 0 = 2 Iz = 2 Iz = 2 $\frac{2}{2} \int_{\mathbb{R}^{n}} \frac{1}{|x|^{2}} dx = \int_{\mathbb{R}^{n}} \frac{1}{|x|^{2}} \int_{\mathbb{R}^{n}} \frac{1}{|x|^{2}} dx = \int_{\mathbb{R}^{n}} \frac{1}{|x|^{2}} \int$ In= Is /4= = 0 42 = I2 = 0 y= = = = = Ym indefin = [x] mixiste 12= In | = 0 U2 = - In = 0 | = - In = 2 | The U2 | = 0 U2 = 0 The = 2 Ver= Ie / = 0 4=1-2Ie = 0 4= - = Tel = 0 Z(In+Te)=0 1 - I - 1 7 - 2 7 2 = 2 I = 2 Tn = 2 / In=0 = 1=0 = 1 = 1 T22 = - I2 / W= = D I2 = - In T2 = 2. Tan= Ie 1 =0 = - I = 0 Ten = 0.

一元之 $\frac{Z_{1}-U_{2}}{Z_{1}} = \frac{U_{2}}{Z_{1}} = \frac{U_{2}}{Z_{2}} = \frac{U_{2}}{Z_{2}} = \frac{U_{2}}{Z_{1}} = 0$ $\frac{Z_{1}-U_{2}}{Z_{2}} = 0$ $\frac{Z_{1}-U_{2}}{Z_{1}} = 0$ $\frac{Z_{2}-U_{2}}{Z_{1}} = 0$ $\frac{Z_{1}-U_{2}}{Z_{2}} = 0$ $\frac{Z_{1}-U_{2$ = \frac{\lambda_n}{\I_2/\I_2=0} = \frac{\lambda_1}{\lambda_2} = \frac{\lambda_2}{\lambda_2} = \f =0 Ten = 1 7 = /2, 72 to ok. TEE = - I2 / = 7 7/12. =0 y = - = - = つりを=こそれ」 17 2 72 21 +1 2 2 2 +1 In = - 7-2 Iz.

24 TZP 742 =0 Zn= Zx+23 Z= = 1/2 / = N/2 = (Z2+Z3) I2 72 = W/ = D W = 73 I2 つる。= そ3. Zn = Uz / = 0 Wz = Zz In. Salmit nie; $y_{m} = \frac{I_{2}}{V_{1}} |_{V_{0} = 0}$ à pilhode :

y= tyte3 yn = = = = = ot ===== ot de = 1 + 1 = [= 1 (= + (= 1/2)) 1/2 - 2 + 2, 23 = 2, 24 + 2, 1+2, 24, 25 Je - Ug = - 2+ + +3 Jng = In / =0. エナナナナ(エナモ)=0 => I= -t3 I2 -0 $\frac{I_{\Delta}}{U_{e}} = \frac{-t_{s}(z_{n}+t_{s})}{(z_{n}+t_{s})\times D2} = \frac{-t_{s}}{D2}$ できませる。「ナーションコーナー・モュエッキャナションデーナッナションナー・モュエッ

Calcul de T=? Inethoce! T=[T2].[T3].[T2] = i nethode: = [1 +2 [1 0] [1 7] [2 7] [2 7] Kennelly = \left[\frac{1}{2} \frac{1}{ & rethodo. $T_{M} = \frac{U_{\ell}}{U_{2}} \Big|_{I_{n}=0} = 0 \quad U_{2} = \frac{1}{2} \cdot \frac{1$ - U2 = 23+t2 OF. The = - Uz / = - 1 = + 12 ok wholser has resultate d'avant

(preceden). $\frac{1}{2} = \frac{1}{2} = \frac{1}$

of the Pla In Hons some le araut en étrile. In utilisant Pa pelhade de. -Vec = 2, 23 == 2, + 2, + 2, . 是 = 元. 七3 we fois them to we In put à tire d'exemple. 2= /2/2+23); 2, 2, 2) 2+2+2+2; 2+2; 2+2; 3 22e 22(2+2) 5

The = 42 | =0. Up = 12 = (2/2) | (2/2) - 2/3 | D2 = 2/2 + 2/2 + 2/2 | + 2/2 | 2/3 | ... In ut lig _ it le diviseur de Con _ it I"= == I. D 1/2 = Z_ I" - (2). => Uz = 22 = To ok $\frac{1}{2} = \frac{U_{\Lambda}}{3}$ U, = Z, I'. I" = = = I. リュニモ、エイ・ U2 = 22+23 I = 0 1 = 2, (+2+tz). ok. yn= -2+tz = 2 + 2 . ok.

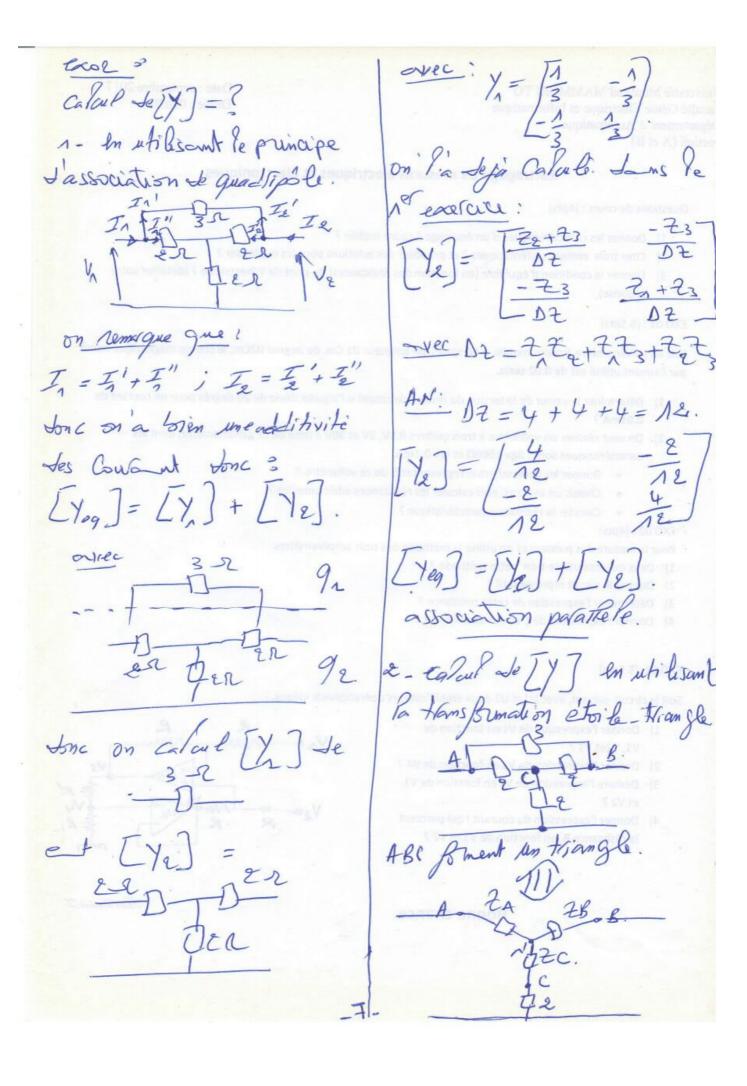
$$Dt = \frac{1}{2!} \frac{1}{2!} + \frac{1}{2!} \frac{1}{2!} + \frac{1}{2!} \frac{1}{2!} + \frac{1}{2!} \frac{1}{2!} \frac{1}{2!} = \frac{1}{2!} \frac{1}{2$$

$$T_{-} = \frac{1}{2} + \frac{2! t_{3}}{2! t_{4}}$$

$$\frac{2}{2 t_{4}} + \frac{2! t_{3}}{2! t_{4}}$$

$$\frac{2}{2 t_{4}} + \frac{2! t_{5}}{2! t_{4}}$$

$$\frac{2}{2 t_{4}} + \frac{2!}{2!} + \frac{2!}{2!}$$



sibe de l'expl. -ve $\frac{7}{4} = \frac{3 \times 2}{3 + 2 + 2} = \frac{6}{7}$ $\frac{2}{3} = \frac{3.2}{3+2+2} = \frac{6}{7}$ $2c = \frac{2 \cdot 2}{3 + 2 + 2} = \frac{4}{7}$ Anc le arail- Levient 47 % 742 le premier circuit est devenu sons & me T. et on a dejà Calcule. Joms Pex 1 [Y] J'um T.

Dt = 5.18 + 5.0 18 + 5.5 à vons de faire les Calonls

1) Donner l'expression de Ve en fonction de VI, V2et V3 ?
2) Donner l'expression du Vs en fonction de VII 3) Déduire l'expression de Vs en fonction de VI et V2 ?
4) Donner l'expression du courant I qui parcour la résistance R, en fonction de VI et V2 ?

Bonne chance.

les a Symptotes. X-00=0 AdR=0 x -00 =0 Age = 20 log 1 Divigen de Throni =0 A16 = - 60 log x . $V(+) = \frac{R}{R + j L w} e(+).$ Soit une chute de -6 de poctave. Colabous la fréquere de Compute: V(+) = 12+j=w AJB=-3JB=20log 1 11+x9 $\Rightarrow \frac{\lambda}{\sqrt{27}} = \frac{\lambda}{\sqrt{1+x^2}}$ V(+) = 1 L W 00 2 = 1 + X8 > X2-1-10/X=1 2) / V /= V1/27 = 1 =0 AdB = -3 dB. 1 12 / 1 / 1 / Lx 34 9(w) = Arg(1) - Arg (1+j=w) -60 = Arcty - Arcty (Lw) fc = X====1 A 211 fc = P. (Plw) = 0 - Arcty (Lw) =0/fc = R / Sifs) for lamplitude est 3) le sia grame de Bode: Bitenest attime some il laisse passes les hou tros gencopetite frequence ofilte Adg = 20 log A = 20 log 1 to passe bas. oflas 12 + (w) = - Arctyx. Nec w = R x-00 =09(w)=0. x-0000 9(W)== on peut poser w = X. x=2=0 09(w)=-# Adre to log 1

