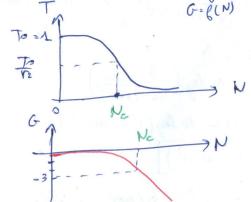
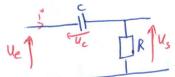
la bande passonte?

exemple de courbe a (courbe de réponse T: ((N)



Q3: filtre pane haut panif:



Déterminer l'ég diff ent de V. et-le

Zoi des mailles: Ux + Uc = le

$$U_R = U_S = Ri^\circ \Rightarrow i^\circ = \frac{V_S}{R}$$

$$U_c = \frac{9}{c} = \frac{1}{c} \int i dt = \frac{1}{Rc} \int U_S dt$$

dime

A l'aide de la Construction de Frenel déléraires

l'expression de la transmittence T= Usas?

Uses ?

Uses Sim (wt+4s) - Vis | Uses

Rew

Rew

Rew

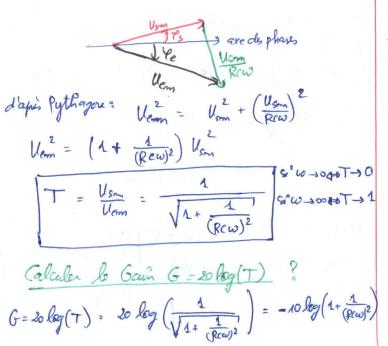
Rew

Rew

Welt = Rew Sim (wt+4s-12) - Vis | Ys-172

Welt = Uses Sim (wt+4e) - V | Uses

Welt = Uses Sim (wt+4e) - V | Uses



Calcular le déphasage DY: 4-le?

by (DY) = - Usm = A RCW

Calcular la fréquence de coupure No? $T = \frac{T}{V2} = \frac{1}{\sqrt{2}} \iff \frac{1}{\sqrt{1 + \frac{1}{\langle R(\omega)^2} \rangle}} = \frac{1}{\sqrt{2}}$ W = 1 (=) 27 Mb = 1 RC 6) Nb = TRC ou biene G> G-3 €> -10 log(1+ 1/(Rcw)2)>-3 N > | 1 = Nb la bunde passante DN? DN = [N6,00[: pane hant. exemple de coarbe à coarbe de réponse T= f(N) G= f(N)

> 8.M Taki'ddie 23 390 248