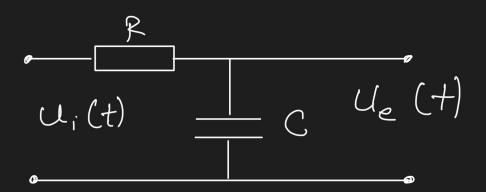
Se va studia experimental trecensa semmalelor de diferite forme: (prin cincuitele - simusoidale - rectangulare +. 1

- exponentiale



Circuital de mai sus are proprietatea de a avea atenuarea A în functie de frecrenta semnalului de introne.

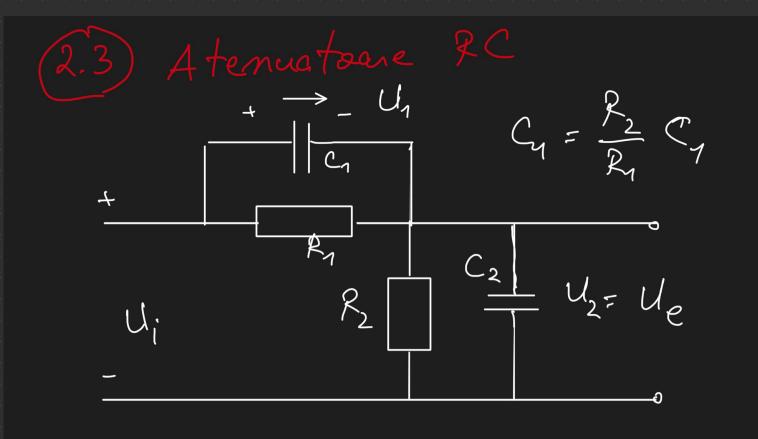
Dacá semnolul aplicat chavitului este unul mestrussidal, componentele sale de frecuento joaso apar la lestre cu o atenuare mai micà de cat componentele de frecuenta maltà. 2.1.1. Semmolul de intrare sinusordal

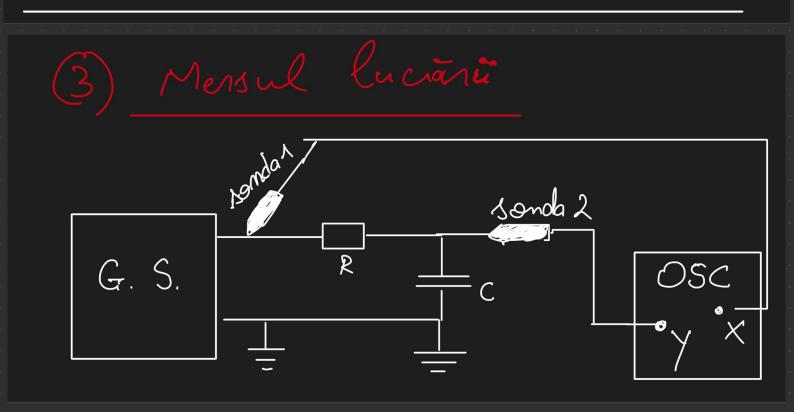
de frecuenta f

atenuat -> defasat $A(w) = \frac{1}{\int_{1+(uRc)^2}} f(w) = -ancte(uRc)$ $A = \frac{Ue}{U_1}$ $f = \frac{1}{\int_{1-t}^{t} (uRc)^2} f(w) = \frac{1}{\int_{1-t}^{t} (uRc)^2} f(w)$

2.1.2 Semmalar of intrare impuls $PC = t_i$ $U_i(t)$ $U_i(t)$

o,g





3.1.1

Semmal de intrare sinusoidal

R = 12 k - 12 C = 470 pT $f_1 = 4 \times 10^3 H_2$ $f_2 = 4 \times 10^4 H_2$ $f_3 = 4 \times 10^5 H_2$ A= 5 \\

G) { = ? Atenuarea =? Atenuarea =?

3. 1.2

Semnal de intrare rectangula

2=10k-2 C=470 PF C=4.70 Hz f=4.10 Hz f=4.10 Hz a) Isci lografierea

pt f1/f2, f3

b) t2 =? f=f1

c) U2 pt.

f=f3; f=f4

Rematorie PC

Ref. = P2 = 12 k - 2 a) Disciplification of the properties of the prop

$$A = \frac{Ue}{U_i} = \frac{0,54}{5} = 0,108 \text{ M}$$

 $+ = 10.360$
 $f = \frac{1.10.360}{250.106}$

$$T = 250 \mu S$$
 $f = 40 kHz$
 $U_{ini} = 5 J$
 $U_{ev} = 0,6 J$ $f = \frac{2.360}{250} = 2,88^{\circ}$
 $t = 2 \mu S$ $A = \frac{0,6}{5} = 0,12$

15400 KHZ T=250 MS A= 0,64 = 0,128 11:12 = 21 Je 44 = 0,64 $\int_{-250}^{2.360} 513,468$ t = 3 / 11s John S