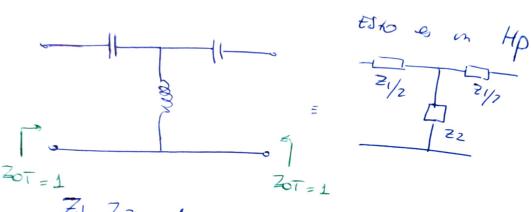
TAREA SEMANOR 15

Diserier on fitto the normalities on flee e imp.



$$Z_1$$
. $Z_2 = 1$ -somplished on timp.

$$j\omega L.4 + \frac{1}{j\omega e} = \frac{(j)^2 \omega^2 (c4 + 1)}{j\omega c} = \frac{4Le}{jc\omega} \left(-\frac{\omega^2}{\omega} + \frac{1}{4lc\omega} \right)$$

=>
$$\frac{4\omega^2}{1\omega} = 4\frac{1}{4\iota c_{1}\omega}$$
 => $\omega^2 = \frac{1}{4\iota c}$ => $\omega = \frac{1}{V4\iota c}$

o's
$$\frac{1}{j \omega_{C}}$$
 of $\omega_{C} = 1$ Normalize on impodmeix

 $\omega_{C} = 1 = \frac{1}{2 \sqrt{cc}}$ Normalize on fearous

$$\frac{L}{c} = 1 \implies L = c$$

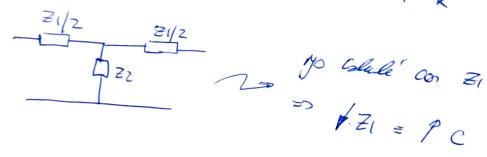
$$1 = \frac{1}{2 \sqrt{L \cdot c}}$$

$$2 = \frac{1}{L} \implies L = \frac{1}{2}$$

$$2 = \frac{1}{2 \sqrt{L \cdot c}}$$

$$2 = \frac{1}{2 \sqrt{L \cdot c}}$$

0,0 que si quiero sintetizm la red k



$$\frac{Z_1 = 1}{j\omega_c} = \frac{1}{j\omega_c} \frac{1}{2}$$

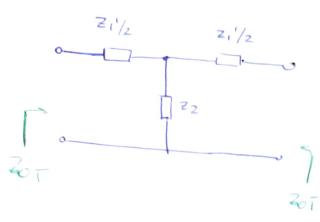
$$\frac{Z_1}{2} = \frac{1}{j\omega_c} \frac{1}{2}$$

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$$\frac{Z_1}{2} = \frac{1}{j\omega_c} \frac{1}{2}$$

$$\frac{2}{2} = \frac{1}{j\omega \cdot c} \cdot \frac{1}{2}$$



$$Z_1' = M.Z_1$$
 $Z_2' = Z_2$
 $Z_2' = Z_2$

$$Z_1, Z_2 + Z_1^2 = \left(Z_1', Z_2' + Z_1' \right)^2$$

=>
$$\frac{2}{2} = \frac{2}{m} + \frac{21}{4n} = \frac{1-m^2}{4n}$$

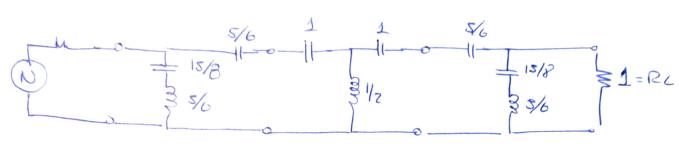
$$\frac{1}{2} = \frac{1}{2 \cdot m}$$

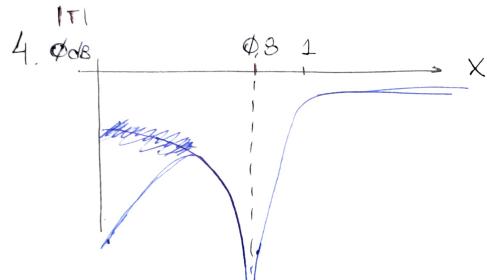
$$\frac{1}{2} = \frac{4m}{11 - m^2} = \frac{24m}{11 - m^2}$$

Ø,45. Ø,95= W== We. /1-m2 0,8 = 1. (1-m2 => m= +0,82-1 /2-0,82 M = Q, 6 5/6 \$2 - \$6 M-Derivado 3 5/6 15/8 201 ZoT es logmismo se pose aprovers 12 destinas Adaptor OKA 1 on 1 15/4 3/1/2 9,3 X

4

3. Se postio interconector pape de pode oprovation la odopticaión del m= 0,6





El módulo

Presenti un

Ello de Tlansmisson

on 0,8 1/s

Y la bandi de

Paso es plana desde

los "1 5/5"

