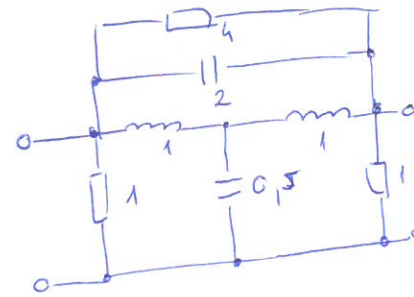
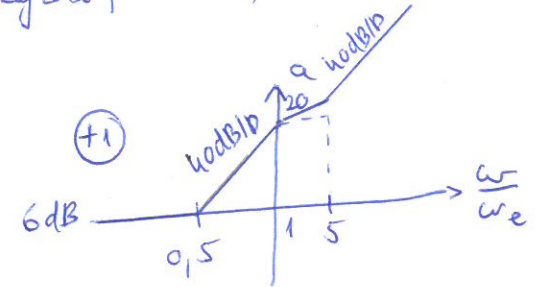


1.



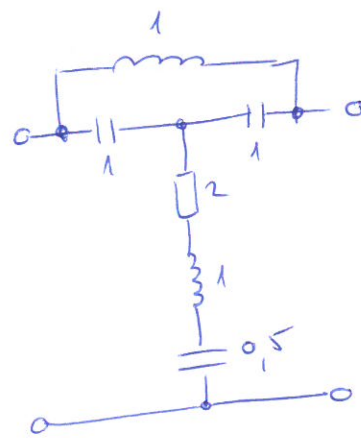
$Z_1, Z_{11}, Z_o, q, P_o = ?$ Rajzold fel a kétféle hiderkivalenst és!

$P_o \begin{matrix} a \\ 6 \end{matrix} \}$ Bode



$P = ? , b = ?$

2.



$Z_1, Z_{11}, Z_o, q, P_o = ?$ KÉTFÉLE HIDEKIVALENS.

$P_o \begin{matrix} a \\ 6 \end{matrix} \}$ Bode

$$3. \quad Z(p) = \frac{200p^4 + 30p^4 + 12}{200p^5 + 70p^3 + 5p}$$

Csere I - szivvelés, HA LÉTEZIK

jó melett!

$$4. \quad Z(p) = \frac{1135p^3 + 120p^4}{6p + 65p^3 + 120p^5}$$

Csere II - szivvelés, HA LÉTEZIK.