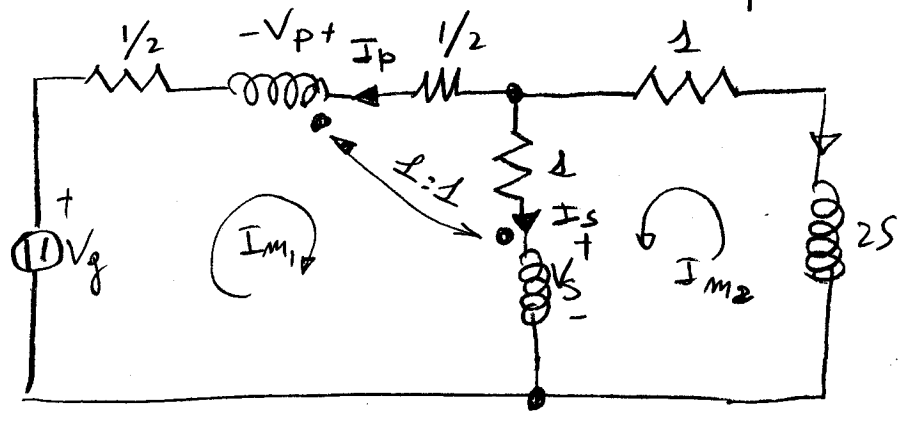
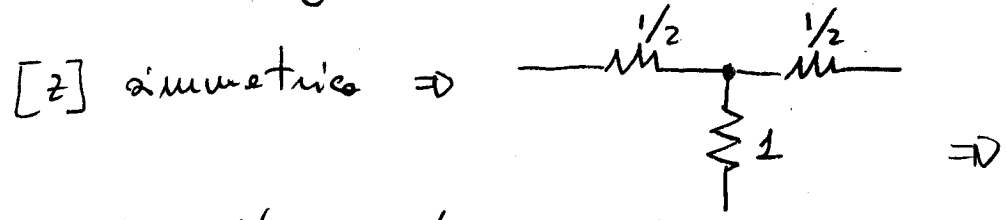


metodo maglie + vincoli trasformatore



$$\begin{bmatrix} 2 & 1 \\ 1 & 2+2S \end{bmatrix} \begin{bmatrix} I_{m1} \\ I_{m2} \end{bmatrix} = \begin{bmatrix} V_g + V_p - V_s \\ -V_s \end{bmatrix}$$

vincoli trasformatore:  $\begin{cases} V_p = V_s \\ I_p = -I_s \end{cases}$

$\Rightarrow I_p = -I_{m1} \Rightarrow I_{m1} = I_s$

$I_s = I_{m1} + I_{m2}$

$\Rightarrow I_{m1} = I_{m1} + I_{m2} \Rightarrow$

$I_{m2} = 0 \Rightarrow \underline{\underline{i(t) = 0}}$