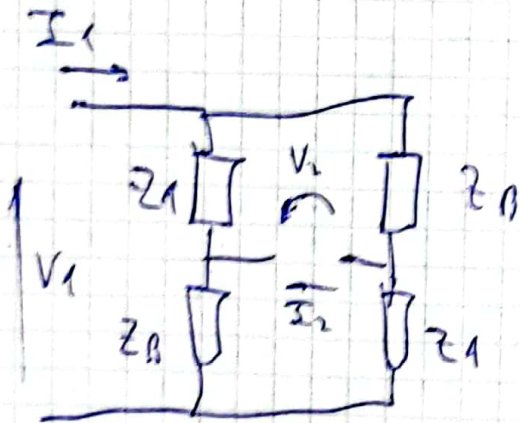


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$$Z_{11} = \frac{V_1}{I_1} \Big|_{I_2=0} = \frac{Z_A + Z_B}{2} = Z_{22}$$

$$Z_{12} = \frac{V_2}{I_2} \Big|_{I_1=0} = \frac{Z_B - Z_A}{2} = Z_{21}$$

$$\frac{V_2}{V_1} = \frac{Z_{21} I_1}{Z_{11} I_1} = \frac{Z_B - Z_A}{Z_A + Z_B}$$



Simétrica

$$T(s) = \frac{s - \sqrt{2} + \frac{1}{s}}{s + \sqrt{2} + \frac{1}{s}}$$

$$Z_A = \sqrt{2}$$

$$Z_B = s + \frac{1}{s}$$

