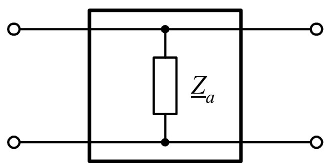
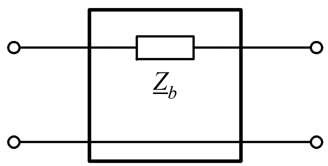
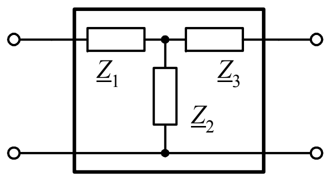
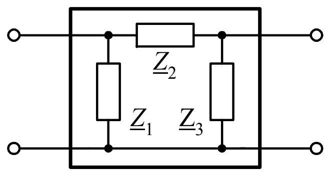
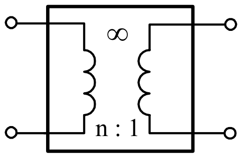
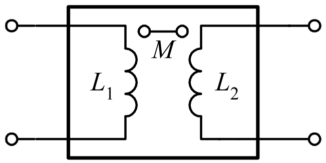
2-Tor	**Z**	**Y**	**A**
Querimpedanz 	$\mathbf{Z}_Q = \begin{bmatrix} \underline{Z}_a & \underline{Z}_a \\ \underline{Z}_a & \underline{Z}_a \end{bmatrix}$	existiert nicht	$\mathbf{A}_Q = \begin{bmatrix} 1 & 0 \\ 1/\underline{Z}_a & 1 \end{bmatrix}$
Längsimpedanz 	existiert nicht	$\mathbf{Y}_L = \begin{bmatrix} 1/\underline{Z}_b & -1/\underline{Z}_b \\ -1/\underline{Z}_b & 1/\underline{Z}_b \end{bmatrix}$	$\mathbf{A}_L = \begin{bmatrix} 1 & \underline{Z}_b \\ 0 & 1 \end{bmatrix}$
T-Glied 	$\mathbf{Z}_T = \begin{bmatrix} \underline{Z}_1+\underline{Z}_2 & \underline{Z}_2 \\ \underline{Z}_2 & \underline{Z}_2+\underline{Z}_3 \end{bmatrix}$	$\mathbf{Y}_T = \dfrac{1}{\underline{Z}_1\underline{Z}_2+\underline{Z}_2\underline{Z}_3+\underline{Z}_1\underline{Z}_3} \cdot \begin{bmatrix} \underline{Z}_2+\underline{Z}_3 & -\underline{Z}_2 \\ -\underline{Z}_2 & \underline{Z}_1+\underline{Z}_2 \end{bmatrix}$	$\mathbf{A}_T = \begin{bmatrix} 1+\dfrac{\underline{Z}_1}{\underline{Z}_2} & \underline{Z}_1+\underline{Z}_3+\dfrac{\underline{Z}_1\underline{Z}_3}{\underline{Z}_2} \\ \dfrac{1}{\underline{Z}_2} & 1+\dfrac{\underline{Z}_3}{\underline{Z}_2} \end{bmatrix}$
π-Glied 	$\mathbf{Z}_\pi = \dfrac{1}{\underline{Z}_1+\underline{Z}_2+\underline{Z}_3} \cdot \begin{bmatrix} \underline{Z}_1(\underline{Z}_2+\underline{Z}_3) & \underline{Z}_1\underline{Z}_3 \\ \underline{Z}_1\underline{Z}_3 & \underline{Z}_3(\underline{Z}_1+\underline{Z}_2) \end{bmatrix}$	$\mathbf{Y}_\pi = \begin{bmatrix} \dfrac{1}{\underline{Z}_1}+\dfrac{1}{\underline{Z}_2} & -\dfrac{1}{\underline{Z}_2} \\ -\dfrac{1}{\underline{Z}_2} & \dfrac{1}{\underline{Z}_2}+\dfrac{1}{\underline{Z}_3} \end{bmatrix}$	$\mathbf{A}_\pi = \begin{bmatrix} 1+\dfrac{\underline{Z}_2}{\underline{Z}_3} & \underline{Z}_2 \\ \dfrac{1}{\underline{Z}_1}+\dfrac{1}{\underline{Z}_3}+\dfrac{\underline{Z}_2}{\underline{Z}_1\underline{Z}_3} & 1+\dfrac{\underline{Z}_2}{\underline{Z}_1} \end{bmatrix}$

2-Tor	**Z**	**Y**	**A**
idealer Übertrager 	existiert nicht	existiert nicht	$\mathbf{A}_N = \begin{bmatrix} n & 0 \\ 0 & 1/n \end{bmatrix}$
Gegeninduktivität 	$\mathbf{Z}_M = \begin{bmatrix} sL_1 & sM \\ sM & sL_2 \end{bmatrix}$	$\mathbf{Y}_M = \frac{1}{\sigma} \cdot \begin{bmatrix} \frac{1}{sL_1} & \frac{-k^2}{sM} \\ \frac{-k^2}{sM} & \frac{1}{sL_2} \end{bmatrix}$	$\mathbf{A}_M = \begin{bmatrix} L_1/M & sM\left(1/k^2 - 1\right) \\ 1/(sM) & L_2/M \end{bmatrix}$ $k = \frac{M}{\sqrt{L_1 L_2}}, \quad \sigma = 1 - k^2$