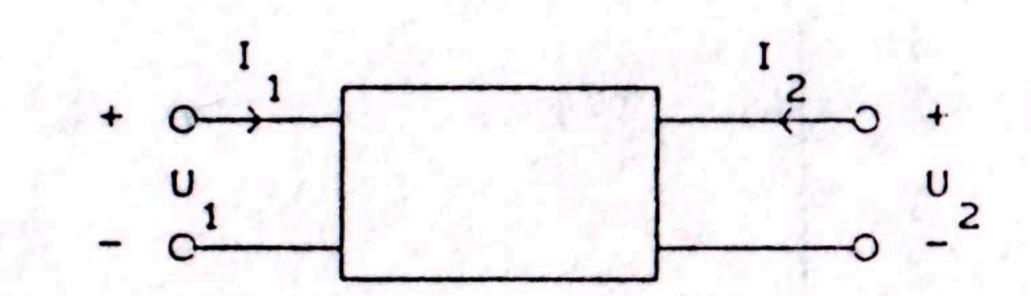
PRETVORBA PARAMETARA CETVEROPOLA



Ako su smjerovi napona i struja kao na slici, vrijede slijedeće matrice parametara i pripadne transformacije:

PARAHETRI	2	Y	h
	Z 11 Z 12 Z 21 Z 22 . .	$\begin{bmatrix} y & -y \\ \frac{\Delta y}{\Delta y} & \frac{12}{\Delta y} \\ -\frac{y}{21} & \frac{y}{\Delta y} \end{bmatrix}$	$\begin{bmatrix} \frac{\Delta h}{h} & \frac{h}{12} \\ \frac{22}{-h} & \frac{1}{h} \\ \frac{21}{h} & \frac{1}{h} \\ 22 & \frac{1}{22} \end{bmatrix}$
	$\begin{bmatrix} \frac{z}{\Delta z} & -\frac{z}{\Delta z} \\ \frac{-z}{\Delta z} & \frac{z}{\Delta z} \end{bmatrix}$ $\begin{bmatrix} \frac{z}{\Delta z} & \frac{z}{\Delta z} \\ \frac{-z}{\Delta z} & \frac{z}{\Delta z} \end{bmatrix}$	$\begin{bmatrix} y_{11} & y_{12} \\ y_{21} & y_{22} \end{bmatrix}$	$\begin{bmatrix} \frac{1}{h} & \frac{-h}{12} \\ \frac{h}{11} & \frac{h}{11} \\ \frac{h}{21} & \frac{\Delta h}{h} \\ \frac{1}{11} & \frac{1}{11} \end{bmatrix}$
	$\begin{bmatrix} \frac{\Delta z}{z} & \frac{z}{z} \\ \frac{z}{z} & \frac{z}{z} \\ -z & \frac{1}{z} \\ \frac{z}{z} & \frac{1}{z} \end{bmatrix}$	$\begin{bmatrix} \frac{1}{y_{11}} & \frac{-y_{12}}{y_{11}} \\ \frac{y_{21}}{y_{11}} & \frac{\Delta y}{y_{11}} \end{bmatrix}$	h 11 h 12 h 21 h 22
2	$\begin{bmatrix} \frac{1}{z_{11}} & \frac{-z_{12}}{z_{11}} \\ \frac{z_{21}}{z_{11}} & \frac{\Delta z}{z_{11}} \end{bmatrix}$	$\begin{bmatrix} \frac{\Delta y}{y} & \frac{y}{12} \\ \frac{-y}{22} & \frac{1}{y}_{22} \\ \frac{-y}{y}_{22} & \frac{1}{y}_{22} \end{bmatrix}$	$\begin{bmatrix} h & -h \\ \frac{22}{\Delta h} & \frac{12}{\Delta h} \\ -h & h \\ \frac{21}{\Delta h} & \frac{11}{\Delta h} \end{bmatrix}$
	$\begin{bmatrix} \frac{z}{11} & \frac{\Delta z}{z} \\ \frac{1}{z}_{21} & \frac{z}{z}_{21} \\ \frac{1}{z}_{21} & \frac{z}{z}_{21} \end{bmatrix}$	$\begin{bmatrix} -\frac{y}{y_{21}} & -\frac{1}{y_{21}} \\ -\frac{\Delta y}{y_{21}} & -\frac{y}{y_{21}} \end{bmatrix}$	$\begin{bmatrix} \frac{-\Delta h}{h} & \frac{-h}{11} \\ \frac{-21}{h} & \frac{-h}{21} \\ \frac{-h}{22} & \frac{-1}{h} \\ \frac{h}{21} & \end{bmatrix}$
42	$\begin{bmatrix} \frac{z}{z} & \frac{\Delta z}{z} \\ \frac{1}{z} & \frac{z}{z} \\ \frac{1}{z} & \frac{z}{z} \end{bmatrix}$	$\begin{bmatrix} -y_{11} & -1 \\ \hline y_{12} & -y_{12} \\ -\Delta y & -y_{22} \\ \hline y_{12} & y_{12} \end{bmatrix}$	$\begin{bmatrix} \frac{1}{h} & \frac{h}{12} \\ \frac{h}{22} & \frac{\Delta h}{h} \\ \frac{h}{12} & \frac{h}{12} \end{bmatrix}$

Oznaka A označava determinantu matrice. Na primjer:

$$\Delta z = z_{11}z_{22} - z_{12}z_{21}$$

$$\Delta A = AD - BC$$