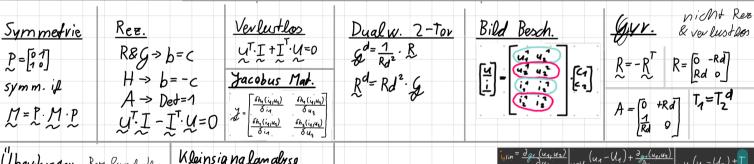
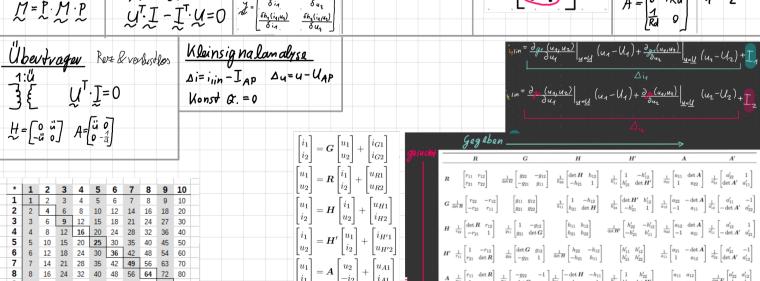


x' = 1

 $k^x = \ln(k) \cdot k^x$





 $\begin{bmatrix} u_1 \\ i_1 \end{bmatrix} = \boldsymbol{A} \begin{bmatrix} u_2 \\ -i_2 \end{bmatrix} + \begin{bmatrix} u_{A1} \\ i_{A1} \end{bmatrix}$

 $\begin{bmatrix} u_2 \\ i_2 \end{bmatrix} = \boldsymbol{A'} \begin{bmatrix} u_1 \\ -i_1 \end{bmatrix} + \begin{bmatrix} u_{A'2} \\ i_{A'2} \end{bmatrix}$

10 10 20 30 40 50 60 70 80 90 **100**

 $\boldsymbol{H'} \ \ \tfrac{1}{r_{11}} \begin{bmatrix} 1 & -r_{12} \\ r_{21} & \det \boldsymbol{R} \end{bmatrix} \quad \ \, \tfrac{1}{g_{22}} \begin{bmatrix} \det \boldsymbol{G} & g_{12} \\ -g_{21} & 1 \end{bmatrix} \quad \ \, \tfrac{1}{\det \boldsymbol{H}} \begin{bmatrix} h_{22} & -h_{12} \\ -h_{21} & h_{11} \end{bmatrix}$

 $\begin{bmatrix} h'_{11} & h'_{12} \\ h'_{21} & h'_{22} \end{bmatrix}$

 $A = \frac{1}{r_{21}} \begin{bmatrix} r_{11} & \det R \\ 1 & r_{22} \end{bmatrix} \frac{1}{g_{21}} \begin{bmatrix} -g_{22} & -1 \\ -\det G & -g_{11} \end{bmatrix} \frac{1}{h_{21}} \begin{bmatrix} -\det H & -h_{11} \\ -h_{22} & -1 \end{bmatrix} \frac{1}{h_{21}} \begin{bmatrix} 1 & h'_{22} \\ h'_{11} & \det H' \end{bmatrix} = \begin{bmatrix} a_{11} & a_{12} \\ a_{21} & a_{22} \end{bmatrix} \frac{1}{\det A'} \begin{bmatrix} a'_{22} & a'_{12} \\ a'_{21} & a'_{11} \\ a'_{21} & a'_{11} \end{bmatrix}$

 $A' \quad \frac{1}{r_{12}} \begin{bmatrix} r_{22} & \det \pmb{R} \\ 1 & r_{11} \end{bmatrix} \quad \frac{1}{g_{12}} \begin{bmatrix} -g_{11} & -1 \\ -\det \pmb{G} & -g_{22} \end{bmatrix} \quad \frac{1}{h_{12}} \begin{bmatrix} 1 & h_{11} \\ h_{22} & \det \pmb{H} \end{bmatrix} \quad \frac{1}{h_{12}'} \begin{bmatrix} -\det \pmb{H'} & -h'_{22} \\ -h'_{11} & -1 \end{bmatrix} \quad \frac{1}{\det \pmb{A}} \begin{bmatrix} a_{22} & a_{12} \\ a_{21} & a_{11} \end{bmatrix}$