Ubung 1 - Neuro

$$\frac{G_{X,A}}{u_{A}(t)} = \frac{1}{\tau} \left(-u_{A}(t) + x_{A}(t) \right)
\frac{1}{\tau} (t) = \frac{1}{\tau} \left(-u_{A}(t) + x_{A}(t) + C_{AZ} \cdot y_{A}(t) \right) = \frac{1}{\tau} \left(-u_{A}(t) + C_{AZ} \cdot y_{A}(t) \right) = \frac{1}{\tau} \left(-u_{A}(t) + C_{AZ} \cdot y_{A}(t) \right)$$

Ex.2 max masliche Aussabe jedes Newars

Aussabe:
$$y_i(t) = y_i(t)$$

oder in einer Extremnertstelle. $t: u_j(t) = 0$

$$\dot{y}(t) = \sqrt{(-u_n | t) + x_n | t)} \stackrel{!}{=} 0$$

$$x_n(t) = u_n | t) \leq 1$$

y1 max = max { 1, 4, (0), 4, (80) }

$$u_{z}(t) = \frac{1}{2\pi} \left(-u_{z}(t) + c_{Az} u_{A}(t) \right) \stackrel{!}{=} 0$$

$$(=) \qquad u_{z}(t) = c_{Az} u_{A}(t) \leq c_{Az} y_{A mox}$$