

$$\mathbb{B} \xrightarrow[\text{hol}]{\gamma} \mathbb{C} \Rightarrow \overline{\gamma} \leq \mathbb{B} \overset{\bullet}{\gamma}$$

$$\mathbb{C} \xrightarrow[\text{hol}]{\gamma} \mathbb{C}: \bigwedge_{|z| \geq 1} \overline{\gamma} \leq M |z|^n \Leftrightarrow \gamma \in \mathbb{C}[z]: \deg \gamma \leq n$$

$$\mathbb{C} \xrightarrow[\text{hol}]{\gamma} \mathbb{C} \setminus \mathbb{R}_+ \Rightarrow \gamma = \text{cst}$$

$$\left\{ \begin{array}{l} \overline{\mathbb{B}}/\mathbb{B} \xrightarrow[\text{stet/hol}]{\gamma} \mathbb{C} \\ \bigwedge_{|z|=1} \overline{\gamma} = 1 \end{array} \right. \Rightarrow \left\{ \begin{array}{l} \bigwedge_{|z| \leq 1} \overline{\gamma} \leq 1 \\ \gamma \text{ ohne Nst on } \mathbb{B} \Rightarrow \gamma = \text{cst} \end{array} \right.$$