

$$\left\{ \begin{array}{l} z:w \in \mathfrak{H} \times \mathfrak{L}^= \xrightarrow[\text{stet}]{\mathfrak{z}} \mathbb{C} \ni {}^z \mathfrak{z}^w \\ \bigwedge_{w \in \mathfrak{L}^=} \mathfrak{H} \xrightarrow[\text{hol}]{- \mathfrak{z}^w} \mathbb{C} \\ \mathfrak{H} \times \mathfrak{L}^= \xrightarrow[\text{stet}]{\partial_z \mathfrak{z}} \mathbb{C} \end{array} \right. : {}^z \mathfrak{z} = \int_{dw/2\pi i}^{\mathfrak{L}} {}^z \mathfrak{z}^w \Rightarrow \left\{ \begin{array}{l} \mathfrak{H} \xrightarrow[\text{hol}]{\mathfrak{z}} \mathbb{C} \\ \partial_z \mathfrak{z} = \int_{dw/2\pi i}^{\mathfrak{L}} \partial_z {}^z \mathfrak{z}^w \end{array} \right.$$

$$\partial_{\bar{z}} \mathfrak{z} = 0 \text{ stet } \mathfrak{H} \times \mathfrak{L}^= \Rightarrow \left\{ \begin{array}{l} \partial_x \mathfrak{z} \\ \partial_y \mathfrak{z} \end{array} \right. \text{ stet } \mathfrak{H} \times \mathfrak{L}^=$$