

$$i\mathbb{R}^n \bigtriangleup_{\omega}^R \mathbb{C} = \frac{i\mathbb{R}^n \xrightarrow{\gamma} \mathbb{C}}{\overbrace{z \in \mathbb{C}^n}^{\overline{z+\bar{z}} < R} \xrightarrow[\text{hol}]{\gamma} \mathbb{C}}$$