$$Z \asymp Z_{\mathbb{R}} = \frac{z{:}\bar{z}}{z \in Z} \subset Z^{\mathbb{C}}_{\mathbb{R}} = Z \times \bar{Z} = \frac{z{:}\bar{w}}{z \in Z \ni w}$$

$$G \asymp G_{\mathbb{R}} = \frac{g{:}\bar{g}}{g \in G} \subset G^{\mathbb{C}}_{\mathbb{R}} = G \times \bar{G} = \frac{g{:}\bar{y}}{g \in G \ni y}$$

$$K \asymp K_{\mathbb{R}} = \frac{k{:}\bar{k}}{k \in K} = K^{\mathbb{C}}_{\mathbb{R}} \cap G_{\mathbb{R}} \subset K^{\mathbb{C}}_{\mathbb{R}} = K \times \bar{K} = \frac{k{:}\bar{h}}{k \in K \ni h}$$

$${}_{z}\mathfrak{e}^{a:\bar{b}}_{\mathbb{R}} = {}^{z \barwedge a + b \barwedge z}\mathfrak{e}$$

$${}^{\mathbb{C}}_{z:\bar{z}}\mathfrak{e}^{a:\bar{b}} = {}^{z \barwedge a + b \barwedge z}\mathfrak{e} = {}^{\alpha z \barwedge u + \beta v \barwedge z}\mathfrak{e} = {}^{\mathbb{C}}_{z:\bar{z}}\mathfrak{e}^{u:v}_{\alpha:\beta}$$

$$Z \overset{2}{\underset{\omega}{\triangle}} \overset{\nu}{\mathbb{C}} \boxtimes \bar{Z} \overset{2}{\underset{\omega}{\triangle}} \overset{\nu}{\mathbb{C}} = Z \times \bar{Z} \overset{2}{\underset{\omega}{\triangledown}} \overset{\nu}{\mathbb{C}} = Z^{\mathbb{C}}_{\mathbb{R}} \overset{2}{\underset{\omega}{\triangledown}} \overset{\nu}{\mathbb{C}} \leftarrow Z_{\mathbb{R}} \overset{2}{\underset{\infty}{\triangledown}} \mathbb{C}$$

$$Z_{\mathbb{R}} \overset{2}{\underset{\infty}{\triangledown}} \mathbb{C} \xleftarrow{\mathcal{B}^{\nu}_{\mathbb{R}}} Z_{\mathbb{R}} \overset{2}{\underset{\infty}{\triangledown}} \mathbb{C}$$