

$$Z = \frac{z \in Z^{\mathbb{C}}}{z^{\sharp} = z} \subset Z^{\mathbb{C}}$$

$$Z^{\mathbb{C}} \text{ involutive } z \mapsto z^{\sharp}$$

$$G = \frac{g \in G^{\mathbb{C}}}{z^{\sharp}g = zg^{\sharp}} \subset G^{\mathbb{C}}$$

$$G^{\mathbb{C}} \text{ involutive } z^{\sharp}g = z^{\sharp}g^{\sharp}$$

$$K = \frac{k \in K^{\mathbb{C}}}{\sharp k = \overline{zk}} = K^{\mathbb{C}} \cap G \subset K^{\mathbb{C}}$$

$$K^{\mathbb{C}} \text{ involutive } \sharp \sharp k = \overline{zk}$$

$$G = NAK$$

$${}^x \mathbf{e}_a = {}^{x\mathbf{a}} \mathbf{e}$$

$$Z^{\mathbb{C}} \xrightarrow{\Delta_{\omega}^2} \mathbb{C} \leftarrow Z \xrightarrow{\Delta_{\infty}^2} \mathbb{C}$$

$$Z \xrightarrow{\Delta_{\infty}^2} \mathbb{C} \xleftarrow{\mathcal{B}^{\nu}} Z \xrightarrow{\Delta_{\infty}^2} \mathbb{C}$$