

$$\begin{array}{ccc}
 \overbrace{\mathfrak{h}_\infty}^N \triangleleft \mathbb{K} & \xleftarrow{\quad \Gamma \quad} & \mathfrak{h}_\infty \left\{ \begin{array}{l} \Gamma \\ \Gamma \end{array} \right\} \triangleleft \mathbb{K} \\
 & & \mathfrak{H} = \Gamma \cdot \underbrace{\Gamma \mathfrak{H}}
 \end{array}$$

$$\begin{array}{ccc}
 & & \mathfrak{h}_\infty \left\{ \begin{array}{l} \Gamma \\ \Gamma \end{array} \right\} \triangleleft \mathbb{K} \\
 & \swarrow \mathfrak{H} = \mathfrak{H} \mathfrak{h} & \updownarrow \mathfrak{h} \quad \mathfrak{h} \\
 \mathfrak{h}_\infty \left\{ \begin{array}{l} \Gamma \\ \Gamma \end{array} \right\} \triangleleft \mathbb{K} & & \mathfrak{h}_\infty \left\{ \begin{array}{l} \Gamma \\ \Gamma \end{array} \right\} \triangleleft \mathbb{K} \\
 & \nwarrow \mathfrak{H} = \mathfrak{H} \mathfrak{h} & \\
 & & \mathfrak{H} = \mathfrak{H} \mathfrak{H}
 \end{array}$$