

$$\underbrace{\overline{\mathfrak{h}}_{\infty} \triangleleft \mathbb{K}}_{2^N} \xrightarrow{\quad \quad \quad} \overline{\mathfrak{h}}_{\infty} \triangleleft \overline{\mathbb{K} \triangleleft \Gamma}_{\mathbb{N}}$$

$$\overline{\mathfrak{h}}_{\infty} \triangleleft \overline{\mathbb{K} \triangleleft \Gamma}_{\mathbb{N}} \ni {}^I \Gamma \text{ standard basis}$$

$$\mathfrak{H} = \underbrace{\mathfrak{H} \cap \Gamma}_{\quad} : \quad {}^I \delta_J = {}^I \Gamma \cap \Gamma_J$$

$$\begin{array}{ccc} \underbrace{\overline{\mathfrak{h}}_{\infty} \triangleleft \mathbb{K}}_{2^N} & & \\ \updownarrow \scriptstyle \mathfrak{h} & \searrow & \overline{\mathfrak{h}}_{\infty} \triangleleft \overline{\mathbb{K} \triangleleft \Gamma}_{\mathbb{N}} \\ & \mathfrak{h} = \mathfrak{h} \cap \mathfrak{h} & \\ & \nearrow & \\ \underbrace{\overline{\mathfrak{h}}_{\infty} \triangleleft \mathbb{K}}_{2^N} & \nearrow & \end{array}$$

$$\mathfrak{h} = \mathfrak{h} \cap \mathfrak{h}$$

$$\overline{\mathfrak{h}}_{\infty} \triangleleft \overline{\mathbb{K} \triangleleft \Gamma}_{\mathbb{N}} \ni {}^I \mathfrak{h} \text{ basis}$$

$$\mathfrak{H} = \underbrace{\mathfrak{H} \cap \mathfrak{h}}_{\quad} : \quad {}^I \delta_J = {}^I \mathfrak{h} \cap \mathfrak{h}_J$$