

$$\mathfrak{h} \triangleleft_{\infty} \mathfrak{h} \triangleleft_{\infty}^m \mathbb{K} = d \mathfrak{h} \triangleleft_{\infty} \mathfrak{h} \triangleleft_{\infty}^{m-1} \mathbb{K}$$

$$\downarrow i$$

$$\mathfrak{h} \triangleleft_{\infty} \mathfrak{h} \triangleleft_{\infty}^m \mathbb{K}$$

$$\downarrow j$$

$$\mathfrak{h} \triangleleft_{\infty} \mathfrak{h} \triangleleft_{\infty}^m \mathbb{K} = \mathfrak{h} \triangleleft_{\infty} \mathfrak{h} \triangleleft_{\infty}^m \mathbb{K} \neq \mathfrak{h} \triangleleft_{\infty} \mathfrak{h} \triangleleft_{\infty}^m \mathbb{K}$$

$$\left\{ \begin{array}{l} \mathfrak{h} \triangleleft_{\infty} \mathfrak{h} \triangleleft_{\infty}^m \mathbb{K} \ni \mathfrak{q} \text{ lic int} \Leftrightarrow \bigwedge_{o \in U \subset \mathfrak{h}} \bigvee_{\bar{U}} \mathfrak{q} = d \mathfrak{1} \bigvee \mathfrak{1} \in U \triangleleft_{1+0} \mathfrak{h} \triangleleft_{\infty}^{m-1} \mathbb{K} \\ \mathfrak{h} \triangleleft_{\infty} \mathfrak{h} \triangleleft_{\infty}^m \mathbb{K} \ni \mathfrak{q} \text{ int} \Leftrightarrow \mathfrak{q} = d \mathfrak{1} \bigvee \mathfrak{1} \in \mathfrak{h} \triangleleft_{1+0} \mathfrak{h} \triangleleft_{\infty}^{m-1} \mathbb{K} \end{array} \right.$$

$$\begin{array}{c} \mathfrak{h} \triangleleft_{\infty} \mathfrak{h} \triangleleft_{\infty}^m \mathbb{K} \\ \downarrow \exists \\ \mathbb{K} \triangleleft_{n-m} \mathfrak{h} \triangleleft_{-\infty} \mathfrak{h} \end{array}$$

$$\begin{array}{c} \ni \mathfrak{q} \\ \downarrow \\ \ni \int \mathfrak{q} \mathfrak{z} \mathfrak{q} \leftarrow \mathfrak{1} \mathfrak{q} \end{array}$$

$$\mathbb{K} \xleftarrow{\int} \mathfrak{h} \triangleleft_{\infty} \mathfrak{h} \triangleleft_{\infty}^n \mathbb{K} \xleftarrow{\mathfrak{z}} \mathfrak{h} \triangleleft_{\infty} \mathfrak{h} \triangleleft_{\infty}^m \mathbb{K} \xleftarrow{\mathfrak{z}} \mathfrak{h} \triangleleft_{\infty} \mathfrak{h} \triangleleft_{\infty}^{n-m} \mathbb{K}$$

