

$$\triangleleft_{\mathbb{F}_o}(\mathbb{K})$$

$$\begin{array}{c} \downarrow \\ \mathbb{K} \swarrow \\ \downarrow \\ \mathbb{F} \triangleleft \mathbb{K} \end{array}$$

$$\triangleleft_{\mathbb{F}_o}(\mathbb{K}) \ni \underset{\text{fix field}}{\overline{h}} \mapsto \underset{\text{fix field}}{\overline{h}} \neg \mathbb{K} = \frac{\varphi \in \mathbb{K}}{\varphi \cdot \underset{\text{fix field}}{\overline{h}} = \varphi} \in \mathbb{F} \triangleleft \mathbb{K}$$

$$\underset{\mathbb{K}}{h} = \underset{\mathbb{K}}{K} \cup \widehat{\underset{\mathbb{K}}{h} \neg \mathbb{K}}$$

$$<\underset{\mathbb{K}}{h} \cup \underset{\mathbb{K}}{h}>_{\neg \mathbb{K}} = \underset{\mathbb{K}}{h} \neg \mathbb{K} \cap \underset{\mathbb{K}}{h} \neg \mathbb{K}$$

$$\underset{\mathbb{K}}{h} \sqcap \underset{\mathbb{K}}{h} = \widehat{C \underset{\mathbb{K}}{h} \neg \mathbb{K}} \cup \underset{\mathbb{K}}{h} \neg \mathbb{K} : \quad \underset{\mathbb{K}}{h} \sqcap \underset{\mathbb{K}}{h} = \underbrace{\mathbb{K} \swarrow}_{\underset{\mathbb{K}}{h}} \neg \underset{\mathbb{F}_o}{\mathbb{F}} \left(\mathbb{K} \swarrow_{\underset{\mathbb{K}}{h}} \right)$$

$$\text{card } \underset{\mathbb{K}}{h} \sqcap \underset{\mathbb{K}}{h} = \dim_{\underset{\mathbb{K}}{h} \neg \mathbb{K}} \underset{\mathbb{K}}{h} \neg \mathbb{K}$$