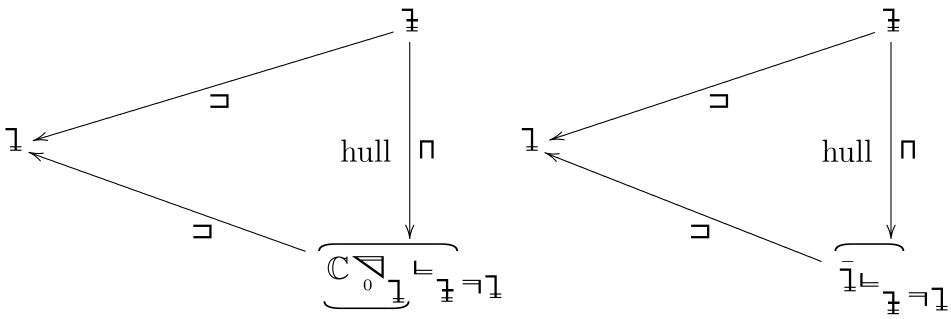
$\sqsubset \in \mathbb{K}$ HilbR



$\cap = 0$

$\in \cap \Rightarrow = 0 \underset{\text{treu}}{\Rightarrow} = 0$

$$\widetilde{\mathfrak{Y}} = \underbrace{\bar{\mathfrak{l}}^{\vDash}{}_{\mathfrak{Y}}}\neg\mathfrak{l} = \underbrace{\mathbb{K}\nabla_0\,\mathfrak{l}^{\vDash}{}_{\mathfrak{Y}}}\neg\mathfrak{l}$$

$$\sqsubset :\quad \mathfrak{Y} \sqsubset \underbrace{\bar{\mathfrak{l}}^{\vDash}{}_{\mathfrak{Y}}}\neg\mathfrak{l} \;\sqsubset\!\!\lrcorner\; \mathfrak{l} \Rightarrow \widetilde{\mathfrak{Y}} \sqsubset \underbrace{\bar{\mathfrak{l}}^{\vDash}{}_{\mathfrak{Y}}}\neg\mathfrak{l}$$

$$\sqsupset :\quad \mathfrak{1} \in \underbrace{\bar{\mathfrak{l}}^{\vDash}{}_{\mathfrak{Y}}}\neg\mathfrak{l} \Rightarrow \bigvee_{\mathfrak{l}_n}^{\mathfrak{Y}} \overline{\mathfrak{1} - \mathfrak{l}_n} \rightsquigarrow s = \overline{\mathfrak{1} \underset{\bullet}{-} \mathfrak{Y}}$$

$$\Rightarrow 2\underbrace{\overline{\underset{u}{\mathfrak{1} - \mathfrak{l}_n}}^{2} + \overline{\underset{v}{\mathfrak{1} - \mathfrak{l}_m}}^{2}} \underset{\text{parallel}}{=} 4\,\overline{\mathfrak{1} - \underbrace{\mathfrak{l}_n + \mathfrak{l}_m}_{u+v/2}/2}^{2} + \overline{\underset{u-v}{\mathfrak{l}_m - \mathfrak{l}_n}}^{2} \geqslant 4\,s^2 + \overline{\mathfrak{l}_m - \mathfrak{l}_n}^{2}$$

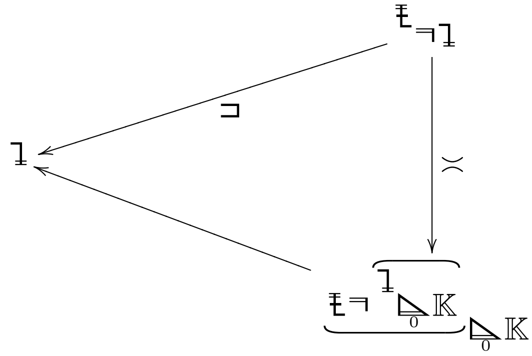
$$\bigwedge_{\varepsilon}^{>0}\bigvee_{n}^{\mathbb{N}} \overline{\mathfrak{1} - \mathfrak{l}_{\geqslant n}} \leqslant s + \varepsilon \Rightarrow \overline{\mathfrak{l}_{\geqslant n} - \mathfrak{l}_{\geqslant n}}^{2}/4 \leqslant \overbrace{s+\varepsilon}^{2} - s^2 = \varepsilon^2 + 2s\varepsilon \Rightarrow \mathfrak{Y} \underset{\text{Cau}}{\ni} \mathfrak{l}_n \rightsquigarrow \mathfrak{l} \in \widetilde{\mathfrak{Y}}$$

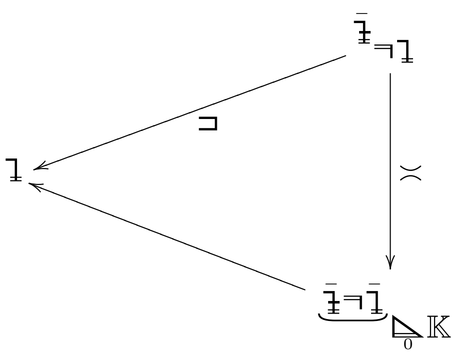
$$\bigwedge_{\mathfrak{f}}^{\mathfrak{Y}} \mathbb{R} \ni t \underset{\text{diff}}{\mapsto} {}^{t}\mathfrak{b} = \overline{\mathfrak{1} - \mathfrak{l} + t\mathfrak{f}}^{2} \geqslant s^2 \underset{\text{min}}{=} {}^{0}\mathfrak{b} \Rightarrow 0 = {}^{0}\underline{\mathfrak{b}} = \underbrace{\mathfrak{1} - \mathfrak{l}}\ast\mathfrak{f} + \mathfrak{f}\ast\underbrace{\mathfrak{1} - \mathfrak{l}} = 2\Re\underbrace{\mathfrak{1} - \mathfrak{l}}\ast\mathfrak{f}$$

$$\mathcal{I}\underbrace{\mathfrak{1} - \mathfrak{l}}\ast\mathfrak{f} = \Re\underbrace{\mathfrak{1} - \mathfrak{l}}\ast\frac{\mathfrak{f}}{i} = 0 \Rightarrow \underbrace{\mathfrak{1} - \mathfrak{l}}\ast\mathfrak{f} = 0 \Rightarrow \mathfrak{1} - \mathfrak{l} \in \widetilde{\bar{\mathfrak{l}}^{\vDash}{}_{\mathfrak{Y}}} \cap \overbrace{\underbrace{\bar{\mathfrak{l}}^{\vDash}{}_{\mathfrak{Y}}}\neg\mathfrak{l}} \underset{\text{alm}}{=} 0 \Rightarrow \mathfrak{1} = \mathfrak{l} \in \widetilde{\mathfrak{Y}}$$

$$\bar{\mathfrak{l}}^{\vDash}{}_{\mathfrak{Y}} = 0 \Rightarrow \mathfrak{Y} \underset{\text{hull}}{\sqsubset} \mathfrak{l} = \widetilde{\mathfrak{Y}}$$

$$\bar{\mathfrak{Y}} \sqsubset \bar{\mathfrak{l}} \in \mathbb{K}\triangle_0^2 \ \text{coHilbR}$$





$$\mathfrak{l} \sqsupset \bar{\mathfrak{Y}}\neg\mathfrak{l} = \frac{\mathfrak{l} \in \mathfrak{l}}{\bar{\mathfrak{Y}}\ast\mathfrak{l} = 0} \ \text{voll}$$

$$\underbrace{\bar{⅂} ⊏ \bar{Ŧ}}\overset{2}{\underset{0}{◺}}\mathbb{K} \asymp \bar{Ŧ}_{¬}\bar{⅂}\overset{2}{\underset{0}{◺}}\mathbb{K}$$

$$⅂ ⊏ Ŧ \asymp \bar{Ŧ}¬⅂$$

$$\bigwedge_{ꟻ}^{Ŧ} \bigwedge 1 \in \bar{⅂}⊑_{Ŧ} : \quad \ulcorner \overline{ꟻ + 1}^{2} \urcorner = \ulcorner \overline{ꟻ}^{2} \urcorner + \ulcorner \overline{1}^{2} \urcorner \Rightarrow \ulcorner \overline{ꟻ} \urcorner \leqslant \ulcorner \overline{ꟻ + 1} \urcorner \geqslant \ulcorner \overline{1} \urcorner \Rightarrow$$

$$ꟻ \xleftarrow[\text{stet}]{\text{pr}} ꟻ + \overbrace{\bar{⅂}⊑_{Ŧ}} \xrightarrow[\text{stet}]{\text{pr}} \bar{⅂}⊑_{Ŧ}$$

$$\Rightarrow ꟻ + \overbrace{\bar{⅂}⊑_{Ŧ}} \asymp ꟻ \times \overbrace{\bar{⅂}⊑_{Ŧ}} \text{ voll } \Rightarrow ꟻ + \overbrace{\bar{⅂}⊑_{Ŧ}} ⊏ ⅂$$