$$ {}^{m}\mathbb{K}_{m}^{\complement} \neg \overbrace{\mathbb{K}_{m} \triangledown \Gamma} = \diagdown_{m} \Gamma $$

$$ \mathbb{K}^{\complement} \neg \overbrace{\mathbb{K} \triangledown \Gamma} = \diagdown_{1} \Gamma $$

$$ \diagdown \Gamma = \bigcup_{0 \leqslant m \leqslant n} \diagdown_{m} \Gamma $$

$$ \diagdown_{1} \Gamma \trianglelefteq \overset{d}{\mathbb{K}} = \overbrace{{}_{\Gamma} \triangledown \mathbb{K}} \triangledown \mathbb{K}^{d} $$

$$ \Gamma \sqsubset \Gamma \Rightarrow \diagdown_{m} \Gamma \underset{\mathrm{alg}}{\subset} \diagdown_{m} \Gamma $$

$$ {}_{\Gamma} \triangledown \mathbb{K} \diagdown^{1} = \frac{\diagdown_{1} \Gamma}{\dim \Gamma = \dim \Gamma - 1} $$

$$ \diagdown_{1} \underbrace{\Gamma \sqcap \Gamma} = \left\{ \right. $$

$$ \frac{\overbrace{\Gamma_{0}^{d} : \Gamma_{0}^{d-1} \Gamma_{1} : \cdots : \Gamma_{0} \Gamma_{1}^{d-1} : \Gamma_{1}^{d}} \mathbb{K} \in \diagdown_{1} \mathbb{K}_{1+d}}{\underbrace{\Gamma_{0} : \Gamma_{1}} \mathbb{K} \in \diagdown_{1} \mathbb{K}_{2}} = \frac{\overbrace{\Gamma_{0} : \Gamma_{1} : \cdots : \Gamma_{d-1} : \Gamma_{d}} \mathbb{K} \in \diagdown_{1} \mathbb{K}_{1+d}}{S_{1} \ni \begin{array}{c|c|c|c} \Gamma_{0} & \Gamma_{1} & \cdots & \Gamma_{k} \\ \hline \Gamma_{1} & \Gamma_{2} & \cdots & \Gamma_{k+1} \\ \hline & & \cdots & \\ \hline \Gamma_{d-k} & \Gamma_{d-k+1} & \cdots & \Gamma_{d} \end{array}} $$

$$ \frac{\overbrace{\Gamma_{0}^{3} : \Gamma_{0}^{2} \Gamma_{1} : \Gamma_{0} \Gamma_{1}^{2} : \Gamma_{1}^{3}} \mathbb{K} \in \diagdown_{1} \mathbb{K}_{4}}{\underbrace{\Gamma_{0} : \Gamma_{1}} \mathbb{K} \in \diagdown_{1} \mathbb{K}_{2}} = \frac{\overbrace{\Gamma_{0} : \Gamma_{1} : \Gamma_{2} : \Gamma_{3}} \mathbb{K} \in \diagdown_{1} \mathbb{K}_{4}}{\Gamma_{0} \Gamma_{2} = \Gamma_{1}^{2} : \Gamma_{0} \Gamma_{3} = \Gamma_{1} \Gamma_{2} : \Gamma_{1} \Gamma_{3} = \Gamma_{2}^{2}} $$