

$$\Gamma \begin{array}{c} \diagdown \\ \circ \\ \diagup \end{array} \Gamma = \frac{\Gamma \supset \Gamma \times \Gamma}{\Gamma \sim \mathbb{F} \times 0} \supset \Gamma \begin{array}{c} \diagdown \\ \circ \\ \diagup \end{array} \Gamma$$

$$\Gamma (1:\Gamma) \leftarrow \Gamma$$

$$\circ \mathbb{K}_n = \frac{\Gamma \supset \mathbb{K}_{2n}}{\Gamma \sim \mathbb{K}_n \times 0} \supset {}^n \mathbb{K}_n$$

$$\mathbb{K}_n (1:\Gamma) \leftarrow \Gamma$$

$$\Gamma S_0 = -\Gamma$$

$$S_0 = \text{Int } \mathcal{U}$$

$$\mathcal{U} = \frac{1 \mid 0}{0 \mid -1}$$

$$\Gamma \begin{array}{c} \textcircled{\text{D}} \\ \diagdown \\ \circ \\ \diagup \end{array} \Gamma = \frac{\Gamma \times \Gamma \supset \Gamma \in \Gamma \begin{array}{c} \diagdown \\ \circ \\ \diagup \end{array} \Gamma}{\Gamma \frac{0 \mid -*}{* \mid 0} \Gamma^* = 0} \supset \Gamma \begin{array}{c} \textcircled{\text{D}} \\ \diagdown \\ \circ \\ \diagup \end{array} \Gamma$$

$$\Gamma (1:\Gamma) \leftarrow \Gamma$$

$$\circ \mathbb{K}_n^{\textcircled{\text{D}}} = \frac{\mathbb{K}_{2n} \supset \Gamma \in \circ \mathbb{K}_n}{\Gamma \frac{0 \mid -*}{* \mid 0} \Gamma^* = 0} \supset {}^n \mathbb{K}_n^{\textcircled{\text{D}}}$$

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